CONFIDENTIAL
Release Date 7-24-98

O

RIDGEWAY 9-22-29 STATE SW SE 22-9N-29E (898)

LEASE NO. STATE 13-101-536 AREA ST JOHNS COUNTY APACHE WELL NAME RIDGEWAY ARIZONA OIL CORP # 9-22-29 STATE LOCATION SE SW SEC 22 TWP 9N RANGE 29E FOOTAGE 2674' FWL & 1091' FSL STATUS ELEV 7177.9' GR KB SPUD DATE DEPTH COMP. DATE AZTEC WELL SERVICE RIG 124 CONTRACTOR CASING IZE DEPTH CEMENT LINER SIZE & DEPTH DRILLED BY ROTARY ____ DRILLED BY CABLE TOOL ___ PRODUCTIVE RESERVOIR INITIAL PRODUCTION ___ SOURCE REMARKS FORMATION TOPS DEPTHS SAMPLE LOG PERFORATED INTERVALS PROD. INTERVALS ELECTRIC LOGS SAMPLE DESCRP. SAMPLE NO. 1885 CORE ANALYSIS APP. TO PLUG ____ REMARKS PLUGGING REP. COMP. REPORT WATER WELL ACCEPTED BY BOND NO. 4002111 AND 4002112 BOND CO. BANK ONE ARIZONA CD's DATE 6/14/94 AND 11/18/94 ORGANIZATION REPORT YES- SEE FILE 880 BOND AMT. \$ 25,000 CANCELLED PLAT BOOK WELL BOOK LOC. PLAT FILING RECEIPT 3096 DEDICATION ____ DATE ISSUED 03/13/97 API NO. 02-001-20310 PERMIT NUMBER 898

Amount |

(over)

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WELL COMF TION OR RECOMPLETION REPORT A DESIGNATE TYPE OF COMPLETION Different Work-Temp Reservoir Reservoir Back Abandon X Over Deepen DESCRIPTION OF WELL AND LEASE Adress & Phone No. Operator P.O.Box 1110 St.Johns Ridgeway AZ. Oil Corp. Well Number | Field Resrvoir Federal, State or Indian Lease Number or name of lessor if fee lease Wildcat State 9-22 13 - 101536 County Location 2674 f/wl & 1091 f/sl Sec. Township-Range or Block & Survey sec.22, t9n,29e Elevation (DF,KB,RT or Gr.) Elevation of casing Date completed ready to Date spudded Date total depth reached 7177 head flange 7177 feet N.A. 3/20/98 3/30/98 broduce P.B.T.D. Single, dual, or triple completion? Total Depth iumish separate report for each completion 3180 Cable tools used (interval) Rotary tools used (interval) Producing interval(s) for this completion 2222 - 2296, 2336 - 2562, 2607 - 3164 0 - 3180 Date filed Was copy of directional survey filed? Was directional survey made? Was this well directionally drilled? Date filed type of electric or other logs run (check logs filed with the Commission) plt.exp.,gr, ccl,vdl, resistivity, microlog CASING RECORD Casing (report all strings set in well -- conductor, surface, intermediate, producing, etc.) Amount pulled Depth set Sacks cement Weight (lb./ft.) Size casing set Size hole drilled 600 sks. 1136 12 1/4 8 5/8 Surface 4.25 3174 600 sks 7 7/8 4 1/2 Prod. LINER RECORD **TUBING RECORD** Screen (ft.) Bottom Sacks cement Packer set at Тор Depth set Size ft. N.A. ft. N.A. ft. N.A. N.A. ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD PERFORATION RECORD Depth intervat Amount & kind of material used Depth interval Number per ft. Size & type .38 Jrt. 57,000 16/30 sand 37,000 16/30 sand .38 Jrt. 2336 - 2562 2961 -3164 .38 Jrt. 2607 - 3164 INITIAL PRODUCTION Producing method (indicate if flowing, gas lift or pumping - if pumping, show size & type of pump Date of first production Oil gravity Water prod.during test Gas prod. during test Date of test Choke size Oil prod. during test Hours tested MCF *API N.A. N.A. Gas - oil ratio Water Gas Casing pressure **Tubing pressure** Disposition of gas(state whether vented, used for fuel or sold) N.A. Production Manager CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therin are true, correct and complete to the best of my knowledge. 6/17/98 Signature Date STATE OF ARIZO OIL & GAS CONSERVATION COMMISSIONAL Well Completion or Recompletion Repairing Weiting VEY Oil and Gas Program Admin File one Copy

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and the second

Permit No.

898

Arizona Geological Survey 416 W.congress, # 100

Tucson, AZ, 85701

Form No. 4

DETAIL OF FORMATION PENETRATED								
FORMATION	TOP	BOTTOM	DESCIPTION*					
Ft. Apache	2222	2296	•					
Amos wash	2336	2834						
Riggs	2961	3164						
İ		ļ						
1								
	į		This well was not cored					
			This well was not drill stem tested					
-		:						
	}							
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			<u> </u>					
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	1	i .	I and the second					

^{*} Show all Important zones of porosity, detail of all cores, and drill-stem tests, including depth interval tested, cushlon used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Completion or Recompletion report and well log shall be filed with the Oil and Gas Program Administrator, Arizonia Geological Survey, 416 W. Congress #100, Tucson, AZ 85701 not later than thirty days after completion pursuant to A.A.C. R12-7-121.

Form No.4

establish in

THE STREET

*Amended 10-24-97

SUNDRY NOTICES AND REPORTS ON WELLS

. Name of Operator Ridgew	ay AZ Oil Corp.							
2. OIL WELL 🔲 GAS V	WELL OTHER 3		(Specify) —	CO2				
3. Well Name <u>State 9-2</u>								
Location 2674 F/WI	. & 1091 F/SL							
Sec22	Twp. <u>9N</u>	Rge	29E		County	Apache		Arizona
4. Federal, State, or Indian Lea	se Number, or lessor's name li	f fee lease	13-10	1536				
5. Field or Pool Name Wild	lcat			<u> </u>		·	<u> </u>	
6. Check Appropriate Box to Inc	dicate Nature of Notice, Repor	t, or Other	Dala				•	
	INTENTION TO:				SUBSEQU	ENT REPORT	OF:	
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL	PULL OR ALTER CASING DIRECTIONAL DRILL PERFORATE CASING CHANGE PLANS	G	WATER SH FRACTURE SHOOTING (OTHER)	TREATI	MENT DIZING	REPAIR	Y PROGRESS ING WELL CASING ONMENT	x
(OTHER)			,		. Clanari res		emelation on Wei	l Comptellon
and zones pertinent to this v 7-11-97 R	work.) gig up Schlumberger o 1000' rig up and	and paragraphic swab of	perforate	e from	n 2222'	to 2296	', fluid	level
7–14–97 S	wab on well fluid bressure test, and	level	@ 900' : in for n	ight.				
7–15–97. Š	Swab on well, made release packer and level below 1700',	8 swal	b runs c swab bi	ould ing @ :	2468' d	could not	elow 1500 get flui	d
7-16-97 I	ay down tubing rig	g down	•					
Note: Rec	quested for tempor	ary ab	andonmen	t 9-2	2-97			
* 600 sac	cs Class G, circul	ate ce	ment to	surfa	ce.			

FILE COPY

8. I herby of fly that the foregoing is true and correct.	Tille Production Manager Date 10-15-97
Permit No. 898 OCT 1091 ARIZOCIAN CON CAN CONTROL CO	STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Sundry Notice and Reports On Wells Form No. 25 File One Copy Mail Completed Form to: Oil & Gas Program Administrator Artcona Geological Survey 416 W. Congress #100 Tucson AZ #5701-1315

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SUNDRY NOTICES AND REPORTS ON WELLS

ni a NG Oil Corn
1. Name of Operator Ridgeway AZ Oil Corp. CAS MELL C. OTHER C. (Specify) CO2
2. OIL WELL GAS WELL OTHER ST (SPECIF)
3. Well Name State 9-22-29
Location 2674 F/WL & 1091 F/SL
Sec. 22 Twp. 9N Rge. 29E County Apache , Arizona
4. Federal, State, or Indian Lease Number, or lessor's name if fee lease 13-101536
5. Fleld or Pool NameWildcat
6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF REPAIRING WELL
FRACTURE TREAT DIRECTIONAL DRILL FRACTURE REPORT ACIDITING ALTER CASING
SHOOT OR ACIDIZE CHANGE PLANS CHANGE PLANS
(OTHER) Well Summary Report (X.)
(NOTE: Report results of multiple completion on Well Completion or Recompision Report and Log Form 4 1. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all partinent details, and give pertinent dates, including estimated date diversity details, and give pertinent dates, including estimated date
1. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all partinent details, and give permitted depths for all markers of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) 7-11-97 Rig up Schlumberger and perforate from 2222' to 2296', fluid level @ 1000' rig up and swab on well. 7-14-97 Swab on well fluid level @ 900' run in hole and set packer @ 2305' pressure test, and shut in for night. 7-15-97 Swab on well, made 8 swab runs could not get fluid below 1500' release packer and start swab bing @ 2468' could not get fluid level below 1700', tagged fill @ 2550' shut in well. 7-16-97 Lay down tubing rig down. Note: Requested for temporary abandonment 9-22-97
8. I herby cartify that the foregoing terrule and correct. Signed Title Production Manager Date 10-15-97 STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Sundry Notice and Reports On Wells File One Copy File One Copy 5/86
Permit No. 898 OCT 1991 File One Copy File One Copy ARIZONA A

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SUNDRY NOTICES AND REPORTS ON WELLS

Name of Operator Ridgeway Az Oil Corp.	
2. OIL WELL GAS WELL OTHER X	(Specify) CO2
3. Well NameState 9-22-29	
Location	
Location	29E County Apache , Arizona
Sec IWP ar lacent'e name if fee lease	13-101536
4. Federal, State, or Indian Lease Number, or leason's hame in local leason	
5. Field or Pool Name	
Check Appropriate Box to Indicate Nature of Notice, Report, or Other	SUBSEQUENT REPORT OF:
NOTICE OF INTENTION TO:	WATER SHUT-OFF WEEKLY PROGRESS
TEST WATER SHUT-OFF PULL OR ALTER CASING DIRECTIONAL DRILL	EDACTURE TREATMENT REPAIRING WELL
FRACTURE TREAT DIRECTIONAL DRILL PERFORATE CASING	SHOOTING OR ACIDIZING ALTER CASING ABANDONMENT
REPAIR WELL CHANGE PLANS	
(OTHER)	(OTHER) Temporary Abandonment X (NOTE: Report results of multiple completion on Well Completion
	or Recompletion Report and Log Form 4 y state all pertinent details, and give pertinent dates, including estimated date about the contract of
4 ½" A.C.G. Fiberglass casir Perfs are: F/2222-2296 We request Temporary Abandonment	
	SEP 1997 ARIZONA GEOLOGICAL SURVEY
8. I herby corlify wat the foregoing is true and correct. Signed	STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Sundry Notice and Reports On Wells File One Copy
Permit No. 898	Form No. 25 Mail Completed Form to: Off & Gas Program Administrator Artzona Geological Survey 416 W. Congress #100 Tucson AZ 85701-1315

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SUNDRY NOTICES AND REPORTS ON WELLS

Ridgeway AZ Oil Corp.

1. Name of Operator

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OILWELL	GAS WELL 🔀	OTHER []	(Specify) CO・ス	
Well Name				
Location			<u></u>	
Sec	Twp	Rge.	County	Artzona
	iian Lease Number, or		158 <u> </u>	
Check Appropriate E	lox to Indicate Nature o	f Natice, Report, or Cti	her Data	
NO	TICE OF INTENTION T	ro:	SUBSEQUENT	REPORT OF:
EST WATER SHUT-C RACTURE TREAT HOOT OR ACIDIZE EPAIR WELL	DIRECTION PERFORM CHANGE		WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING (OTHER)	WEEKLY PROGRESS REPAIRING WELL ALTER CASING ABANDONMENT
OTHER)			(MATE: Second require	of multiple completion on Well Completion
			or Recompletion or recompletion of the state all pertinent details, and give pe	n Report and Log Form 4
Wells on the	eir reports. 🗸	have been tes All well signs	sted by B.C. Services and should be delivered by ells in September, 1997.	August 15, 1997.
a la	the foregoing is true an	al cornect.		Date 1-28-97
Signed			OIL & GAS CONS Sundry Notice	OF ARIZONA ERVATION COMMISSION a and Reports On Wells e One Copy
Permit No.	\ <u>.</u>		Mell Completed Form to: Oll & Gas Artisona (416 W. C	Program Administrator 5/9 Procycleal Survey Ongrees #100 2 85701-1315

call from Don Riggs.

898

Rumins flying that 2 riss w/ 30 people coming in from Texas next week to drill several wells.

This according to guy that runs Days Inn motel

May have to go to 2700' to leach basement in 9-22-29. Ft. Apache came in @ 2100' Achoss the fault - lot bigger than thought At least 360' of throw.

4-8-97 Call Don Pisss T.D. @ 3/80' - no Renn but Permian Section thickened. no hydrocarbon shows in any wells. Thinks purported hydrocarbon shows in plevious wells in area were from induced fluoresence, maybe contaminated mud. Doubts any hydrocubous considering amount of CO2

MEMORANDUM TO FILE

DATE:

April 2, 1997

FROM:

Steven L. Rauzi

Oil and Gas Program Administrator

SUBJECT: CIRCULATION OF CEMENT ON SURFACE CASING & BOP TEST

Ridgeway Arizona Oil Corp 9-22-29 State, Permit #898 SW SE Sec. 22, T. 9 N., R. 29 E., Apache County

This hole had lost circulation at 190 feet and was drilled without returns from 190 to 1155 feet. The base of the hard basalt was picked at about 142 feet based on samples and drilling rate.

DS (Dowell Schlumberger) cemented the 26 joints of 8 5/8" casing set to 1136' KB Tuesday afternoon, April 1. Pumped 150 barrels of mud and 20 barrels of water ahead of 63 barrels of cement slurry with 2% CaCl₂ (301 sacks, 100% excess). Displacement volume was 71 barrels. Cement did not circulate. Poured 8 yards of concrete down the backside to fill the annulus to the surface.

The BOPE and connections all tested good at 1150 psi.

.

9-22-29 State

3/31/97.

Moved onto 9-22-29 State Saturday.

Lost circ in dris mouse & rat holes

Spudded hole last night. (3/30/97@9:30p)

@ 72' dhs basalt. Very hard but no lost circ.

4/1/97 @ 7:00 am

()

DHS picked up @ 190' - dHs 40 tetutus since 190'.

Lack ~280' of waiting on wth.

Puds T.D. @ 1:00 - 2:00 pm.

Pidk up + hun CSS

Pubs cut 4:00 - 5:00 pm.

Will top off annulus in a.m.



PERMIT TO DRILL

This constitutes the permission and authority from the

OIL AND GAS CONSERVATION COMMISSION, STATE OF ARIZONA,

To:			RIDGE	WAY ARIZON	A OIL COR		
10:	<u></u>				PERATOR)		
			to	drill a well	to be knov	vn as	
				9-22-	29 STATE		
				(WEL	L NAME)		
located			AMENDE	D TO 2674' 1320' FWL	FWL & 109 & 1320' F	91' FSL SL	
•	22	_Township_	9n	Range	29E,_	АРАСНЕ	County, Arizona.
The				+/-	- 640 ACRE	S	of said
				icated to this			
ام:2	wall is	to be drille	d substa	ntially as ou	tlined in the	e attached Applica	tion and must be drilled
in full co	mpliance	e with all a	pplicable	e laws, statu	tes, rules a	nd regulations of	the State of Arizona.
lssue	ed this_	13d	ay of	MARCH		, 1	9 <u>97</u>
					OIL AND	GAS CONSERV	ATION COMMISSION
					By	Acrent . £	and 5
					•	emerutiwe L & GAS PROGRAH	DIRECTOR
					<u></u>		
OFDMIT	one	O Q					

PERMIT UNITED ST

RECEIPT NO. 3096

A.P.I. NO. 02-001-20310

State of Arizona
Oil & Gas Conservation Commission

Permit to Drill

FORM NO. 27

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APPLICATIO	ON FOR PERMIT	TO DRILL OR F	() RE-ENTE	R	
				OLD WELL []	
APPLICATION TO DRILL	/	<u>AMENDED</u>			
Ridgeway Arizona Oil Co	rporation				
NAME OF COMPANY OR OPERATOR					
PO BOX 1110 St. Johns	s, AZ 85936				
Address	City	v		State	
nouves					
Aztec Well Service					
Drilling Contractor					
PO BOX 100 Aztec, NM	87410				
Address					
	DESCRIPTION OF	WELL AND LEASE			
Federal, State or Indian Lease Number, or if fee to	ase name of lessor	Well number		Elevation (ground)	7177 9
13-101536	,	9-22-29		7145.8	, 11/1-1
Nearest distance from proposed location		Distance from proposed	location to n	rearest drilling,	···
to property or lease tine:	1091	completed or applied-fo	or well on the	e same lease:	
	1320' feet			None	feet
Number of acres in lease:		Number of wells on lease			
2005.48		completed in or drilling t	(O fill? lesera	oir: 1	
	 	<u> </u>			· · · · · · · · · · · · · · · · · · ·
If lease, purchased with one or more Nam wells drilled, from whom purchased:	e	Adi	dress		
i					
2674 FWL 4 1091 FSL Well location (give footage from section lines)	Section tow	nship-range or block and s	urvev	Dedication (Comp	ly with Rule 1051
1320 F/WL 1320 F/SL	1	9N R29E G&SE		640 Ac. S	_
Field and reservoir (if wildcat, so state)		County			
Wildcat - Ft. Apache		Apache			
Distance in miles, and direction from nearest town	an post office	,L.,			
2.5 mi. NE of Springerv	ille, AZ				
Proposed depth:	Rotary or cable tools			ite work will start	
2400' + or -	Rotary		4/2/9		
Bond Status On file	Organization Report		Filing Fee (
Amount \$25,000.	On file XX C)r attached	Attached		
Remarks:	reanceie				
See attached drilling p	Jiognosis.				
* Amended location because	e of toportion	by - secamon	ded 100	ation plat	
William Cocitos Accurs	الماري الماري	Jely See See		700	
·					
CERTIFICATE: I, the undersigned, under the po	malty of perjury, state th	at I am the Vice	Preside	ent	of the
Ridgeway AZ Oil Corp.				A	al shaa shia
Ridgeway AZ Oil Corp. report was prepared under my supervision and di	rection and that the fact	s stated therein are true, co	rrect and col	projete to the best of	my knowledge.
		11/2	0/-	/ ^	
1		Signatyre		532	
		- L	•		
		3/5/97			.
API # 02-001-20310		Date			
		 	·	····	
Permit Number: 898					
Approval Date: 03/13/97-		į	STATE OF	ARIZONA	
Approved By: Stewel La	~	OIL & GA	S CONSERV	ATION COMMISSI	ON
Approved By: Jelunt &	<u></u>	Ар	plication to I	Drill or Re-enter	

(Complete Reverse Side)

Form No. 3

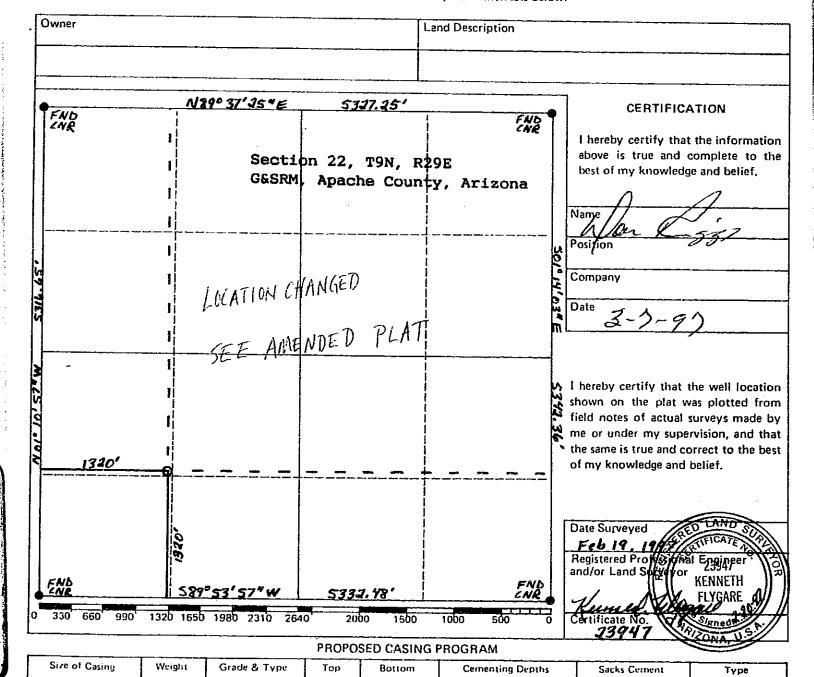
Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

Application to Drill or Re-enter File Two Copies

SMANIAN .

P/N 898

- 1. Operator shall outline the dedica. A acreage for both oil and gas wells on the plat.
- 2. A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
- 3. ALL DISTANCES SHOWN ON THE FLAT MUST BE FROM THE OUTER BOUNDARIES OF THE SECTION.
- 4. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES XX NO
- 5. If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES______NO______ If answer is "yes," Type of Consolidation______
- 6. If the answer to question four is "no," list all the owners and their respective interests below:



Œ.

8 5/8"

4 1/2"

23#

4.25#

K - 55

FIBERGLASS

SURF

SURF

+/-900'

+/-2425'

CIRC

CIRC

460

640

G

POZ

O

T MENERS.

1. Operator shall outline on the plat the acreage dedicated to the well in compliance with A.A.C. R12-7-107. P/N 898 2. A registered surveyor shall show on the plat the location of the well and certify this information in the space provided. 3. ALL DISTANCES SHOWN ON THE PLAT MUST BE FROM THE OUTER BOUNDARIES OF THE SECTION. 4. Is the operator the only owner in the dedicated acreage outlined on the plat below? YES _____ NO ____ 5. If the answer to question four is "no", have the interests of all owners been consolidated by communitization agreement or otherwise? YES _____ NO ____ If answer is "yes", give type of consolidation __ 6. If the answer to question four is "no", list all the owners and their respective interests below: Land Description Owner FND CNR N89°37'25"E 5327.25' ENR CERTIFICATION I hereby certify that the Information above is true and complete to the best of my knowledge and belief. AMENDED Section 22, T9N, R29E G&SRM, Apache County, Arizona Name Position Company I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed Registered Land KENNETH **FLYGARE** 1000 1320 1650 1980 2310 2640 2000 1500 Certificate No. 2395 PROPOSED CASING PROGRAM Cementing Depths Type Sacks Cement Grade & Type Bottom Size of Casing Weight G $+/-900^{\circ}$ CIRC 8 5/8" 460 23# K-55 SURF POZ +/- 2425 CIRC 640 4 1/2" 4.25# FIBERGLASS SURF

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APPLICATION TO DRILL	_	R PERMIT	TO DRILL OR		ER .o well ()
NAME OF COMPANY OR OPERATOR					
Address		City		51216	Phone Number
Drilling Contractor					
Address					
	DES	CRIPTION OF W	ELL AND LEASE	b	
Federal, State or Indian Lease Number, or if fee lease, na	me of less:	Ł.	Weil number		Elevation (ground)
Nearest distance from proposed location to property or lea	se line:		Distance from proposed to well on the same lease:	cation to neares	st drilling, completed or applied-for
Number of acres in lease		feet	Number of wells on lease,	including this w	feet ell, completed in or drilling to this reservoir:
If lease purchased with one or more wells Nam drilled, from whom purchased:	je		A	ddress	
Well location (give footage from section lines)		Section - township	p - range or block and surv	rey	Dedication [A.A.C. R12-7-104(A)(3)]
Field and reservoir (if wildcat, so state)			County		· · · · · · · · · · · · · · · · · · ·
Distance in miles and direction from nearest town or pos	t office		<u> </u>		
Proposed depth:		r cable tools	/		e date work will start
Bond status	1 -	ation Report	ittached	Filing Fee of	3 \$25.00
Amount	On file				
CERTIFICATE: I, the undersigned, under the	/	(company), ar	nd that I am authorized	by said compa	of the any to make this report; and that this
report was prepared under my supervision and	direction	and that the facts	s stated therein are true	e, correct and	complete to the best of my knowledge
Mail completed form to: Oll and Gas Program Administrator Arizona Geological Survey		N.	Signature		
416 W. Congress, #100 Tucson, AZ 85701-1315			Date		
Permit Number: 00898					F ARIZONA
Approval Date:			OIL & GA	Application to	RVATION COMMISSION Drill or Re-enter
NOTICE: Before sending in this form be sure that requested. Much unnecessary correspo	vou bave ni	nottermatical lic nevi	Form No. 3	File T	wo Copies

Form No. 3

APPLICATION	ON FOR PERMI	TO DRILL OF	RE-ENTE	R	
APPLICATION TO DRILL	M AMENDED		RE-ENTER OL	D WELL []	
nia was inione Oil Cor					
Ridgeway Arizona Oil Cor NAME OF COMPANY OR OPERATOR	poracron				
NAME OF COMMAND ON STEEDINGS			F 3.0	-337-3230	
PO Box 1110 St	. Johns,	AZ		Phone Number	
Address	City		State	7 1010 112.120.	
Aztec Well Service					
Drilling Contractor					
PO Box 100 Aztec, NM	87410				
Address			<u></u>		
	DESCRIPTION OF	WELL AND LEASE			
Federal, State or Indian Lease Number, or if fee lease, na	me of lessor	Well number		Elevation (ground)	
13-101536		9-22-29		7177.9 ft	
Nearest distance from proposed location to property or lea	ise line:	Cistance from proposed well on the same lease:	i location to nearest :	t drilling, completed or applied-for	
4004	_			None feet	
1091	feet	Number of units on loss	e including this w	all, completed in or drilling to this reservoir:	
Number of acres in lease		MANUEL OF METS OF IONS	ou, mondany		
2005.48			1		
If lease purchased with one or more wells Nam	0		Address		
drilled, from whom purchased:					
	la v	hip - range or block and s	UDVAV	Dedication [A.A.C. R12-7-104(A)(3)]	
Well location (give footage from section lines) 2674 F/WL 1091 F/ SL		nip - range or block and si T9N R29E G	&SRM	640 Ac. SW 4	
Field and reservoir (if wildcat, so state)		County			
Wildcat- Ft. Apache		Apache			
Distance in miles and direction from nearest lown or post	office	<u> </u>			
2.5 mi NE of Springervi	lle Arizona		Annovimate	date work will start	
Proposed depth:	Rotary or cable tools Rotary			2/97	
2400' ±	Organization Report		Filing Fee of \$25.00		
Bond status On file Amount 25,000		r attached	Attached	XX	
	Offine Zate				
Remarks					
WELL LOCATION AMENDED BECA	USE OF TOPOGRA	PHY			
·					
			vice Pres	ident of the	
CERTIFICATE: 1, the undersigned, under the	penalty of perjury, state t				
Ridgeway AZ Oil Corp.	(company),	and that I am authorize	d by said compa	my to make this report, and that this	
report was prepared under my supervision and	direction and that the fa	cts stated therein are t	rue, correct and c	complete to the dest of my knowledge	
	207 000	4/	6 /		
· ·	ESPECI (2583)		und	7/1/	
1		Signature			
Mail completed form to:	, ~\lambda	5	3/20/ <u>97</u>		
Oil and Gas Program Administrator Arizona Geological Survey		·	3/20/3/		
Oil and Gas Program Administrator Arizona Geological Survey 416 W Congress, #100		Date	3/20/3/		
Oil and Gas Program Administrator Arizona Geological Survey 416 W. Congress, #100 Tucson, AZ 85701-1315	K A S	Date			
Oil and Gas Program Administrator Arizona Geological Survey 416 W. Congress, #100 Tucson, AZ 85701-1315	198 273	Date		F ARIZONA	

G

Approved By:

NOTICE: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

5/96

Application to Drill or Re-enter File Two Copies

Form No. 3

Mar 20.97 6543047 No.0040P.01 55000-50 TEL:1-520-770-3505 AZ GEOLOGICAL SURVEY 1. Operator shall outline on the plat the acreage dedicated to the well in compliance with AAC. R12-7-107. 2. A registered surveyor shall show on the plat the localism of the well and certify this information in the space provided. 3. ALL DISTANCES SHOWN ON THE PLAT MUST BE FROM THE OUTER SOUNDARIES OF THE SECTION. 4. Is the operator the only owner in the dedicated acreage outlined on the plat below? YES 6 18 the operator the only owner in the dedicated YES ____ NO ____ If answer is "yes", give type of consolidation 8. If the answer to question four is "no", list all the owners and their respective interests below: Cwner We N84-37'35"E \$327.25 LHENDED Sastion 2 Section 22, T9N, R298 GESRM, Apache County Arizona GESTM, Ag Position M. LS. 9. 10 H 5353,48 Proposed Casing Program Site of Knoth Coment Vit of Type Steen & Yes Betom Grede & Type Weight Size of Gasing ويكالم وسالك الراجي

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Unimproved road. =======

SPRINGERVILLE, ARIZ.

Light-duty road, hard or improved surface

109°

NUTRIOSO 16 MI. CLIFTON 114 MI. ROAD CLASSIFICATION

1659

ARIZONA

QUADRANGLE LOCATION

Primary highway, hard surface......

Secondary highway, hard surface_____

DRILLING WELL PROGNOSIS

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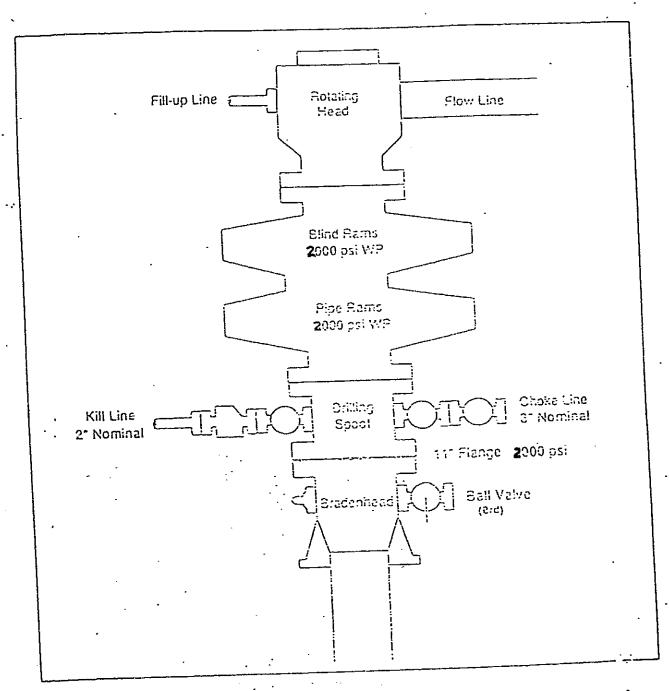
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PERATOR Ri OCATION Se	dgeway A	rizona O	il corLEASE	Stat	<u>e</u>	NO. 9-22-29	
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						T	
Hole Size	Csg Size	Weight	Depth Set	Type	& Sacks	Est top of cmt	
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SHOWS & BI	REAKS - I	NSTRUCTI	ONS Report	all sh	ow to G. Scot	tt or Don Riggs.	
	, upor ABS NA B			_ 			
OTHER INS	TRUCTION	ic					
OTHER INS	NUCTION						
DAILY DES	LINC BE	ODTS TO	. Pidaerav	office	St. Johns, 5	20-337-3162	
DAILT DKI	LLING KEI	TUKIS IU	· rradesal				
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WELL PAD LAYOUT 6726.72 6729.00 SCALE: 1"=20' 6724.38 WELL GRND ELEV: 6725.64 6724.42 60 351 6725.05 60,

6729.30

BOP STACK ARRANGEMENT



All ram type preventers and related equipment will be hydraulically tested at nipple-up and after any use under pressure to 600 psi. The blind rams will be hydraulically activated and checked for operational readiness each time pipe is pulled out of the hole. All checks of the BOP stack and equipment will be noted on the daily drilling report. The BOP equipment will include a kelly cock, floor safety valve, and choke manifold all rated to 2000 psi.

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	1085
RIDGEWAY ARIZONA OIL CORP.	· .
P. O. BOX 1110 520-337-2458 ST. JOHNS, AZ 85936	91-243 1221
	DATE 3-5-97
PAY TO THE STATE OF ARIZONA	\$ 25 92
Tweaty Fra + 100	DOLLARS TI
BANKĒONE.	$\Lambda \cdot \Lambda$
Bank One, Arizona, NA St. Johns Office (043) 151. Johns, Arizona	
FOR PREMIT 9-22-29	Mon & 332 "
#001085# #122100024#	1588m 5355m

Received From Address PO	RECEIPT Date 3-13 1997 No. 3091 Received From Ridgeway Arizma Oil Corp. Address PO Box 1110 St. Johns AZ Twenty five and Your Dollars \$25.00 For Application Fore 9-22-29 State, Permit 878					
ACCOUNT	HOW PAID	- Check # 1085				
AMT. OF ACCOUNT	CASH					
AMT. PAID	CHECK 35 0	By Stevent Rain				
BALANCE	OLDES WONEA	By				

8K806 Rediform

O

 Operator
 Ridgeway Arizona Oil Corporation

 Bond Company:
 Bank One Arizona
 Amount: \$25,000*

 CD#4002111 (\$10,000)
 07/07/94

 Bond No.:
 CD#4002112 (\$15,000)
 Date approved: 11/28/94

* Two separate CD's to make up one blanket bond. These 2 CD's are not to be released until all wells covered by the blanket bond have been plugged and abandoned.

Permits covered by this bond:

<u>883</u> 884 888 <u>890</u> <u>891</u> <u>892</u> <u>893</u> <u>895</u> <u>896</u> <u>897</u> 898 <u>899</u> <u>900</u> 901 <u>902</u> 903 904

STATE: ARIZONA COUNTY: APACHE API: 02-001-20310 FIELD: WILDCAT WELL CLASS: WF RIDGEWAY AZ OIL CORP 22-9N-29E SW SE 1091 FSL 2674 FWL SEC STATUS: TA-G

7/N 898

9-22-29 RIDGEWAY

SPUD: 03/30/1997 COMP: 06/17/1998 ELEV: 7190 KB 7177 GR

TD: 3180 (04/06/1997) FM/TD: FORT APACHE DTD: 3180 BHT: 113F

CONTR: AZTEC WELL SERVICING RIG # 124 RIG SUB: 13 (VERTICAL)

PROJ DEPTH/FM: 2400 FORT APACHE PERMIT # 898 (ST APPD PMT: 03/13/1997) LEASE

TYPE: STATE TARGET OBJ: GAS

3180 DTD COMP:06/17/1998 TA-G; , NO DST RUN

LOCATION DATA: 15 MI S UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 6 MI N SPRINGERVILLE, AZ;;
WELL ID CHANGES: FTG CHGD FROM 1320 FSL 1320 FWL., SPOT CHGD FROM C SW., ELEV CHGD FROM 1746 GR.
CASING: 8 5/8 IN @ 1136 W/600 SACK,4 1/2 IN @ 3174 W/600 SACK;

(OVER) © 2000 Petroleum Information/Dwights LLC d/b/a IHS Energy Group

03/03/2000

CARD# 0001-AZ

RIDGEWAY AZ OIL CORP

API: 02-001-20310, 22-9N-29E

9-22-29 RIDGEWAY

(CONTINUED)

LOG TYPES: POR 65-3165, LITH 65-3165, REST 1138-3175, MICL 1138-3165, MRIL 1350-3173; LOG TOPS: FORT APACHE 2222; DRLG COMMENTS: AZTECWS #157 COMPLETED.; PROD TEST(S): # 001 PERF (FORT APACHE) 2607-3164; FRACTURING (2607-3164) 37000 LB SAND # 002 PERF (FORT APACHE) 2336-2562; FRACTURING (2336-2562) 57000 LB SAND # 003 PERF (FORT APACHE) 2222-2296; OPER ADD: P O BOX 1110, ST. JOHNS, AZ 85936, (520)337-3230;

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03/03/2000

CARD# 0001-AZ

PI/DWIGHTS PLUS DRILLING WIRE ™ **ROCKY MOUNTAIN REGION** Section II - 03/03/2000

COMPLETIONS

FINAL CLASS: WF=UNSUCCESSFUL NEW FIELD WILDCAT; WFD=NEW FIELD DISCOVERY; WD=UNSUCCESSFUL DEEPER POOL WILDCAT; WDD=DEEPER POOL DISCOVERY; WS=UNSUCCESSFUL SHALLOW POOL WILDCAT; WSD=SHALLOW POOL DISCOVERY; WP=UNSUCCESSFUL NEW POOL DEVELOPMENT; WPD=NEW POOL DISCOVERY; WO=UNSUCCESSFUL WILDCAT OUTPOST; WOE=WILDCAT OUTPOST EXTENSION; D=UNSUCESSFUL DEVELOPMENT; DO=DEVELOPMENT OIL WELL; DG=DEVELOPMENT GAS WELL;

PIN 898

A common

ARIZONA / NEVADA **APACHE COUNTY**

RIDGEWAY ARIZONA OIL COMPANY

9-22-29 RIDGEWAY

API 02-001-20310

SW SE

1091 FSL 2674 FWL SEC

22-9N-29E

WILDCAT; 2400 FORT APACHE PERM(T: 698 (BMT APP'D 03/13/1997) (FR:03/17/1997 FM KMS) LEASE TYPE:STATE TARGET OBJ: GAS; OPER ADD: POBOX 1110, ST. JOHNS, AZ 85936, (520)337-3230 EL: 7190 KB 7177 GR LOCATION DATA: 15 MI S UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 6 MI N SPRINGERVILLE, AZ: VERTICAL; WELL ID CHANGES: FTG CHGD FROM 1320 FSL 1320 FWL., SPOT CHGD FROM C SW., ELEV CHGD FROM 1746 GR.

CONTR: AZTEC WELL SERVICING, RIG # 124; SPUD:03/30/1997 CSG: 8 5/8 IN @ 1136 W/600 SACK.4 1/2 IN @ 3174 W/600 SACK; DRLG COMMENTS: AZTECWS #157 COMPLETED.; LOG TYPES: POR 65-3165, LITH 65-3165, REST 1138-3175, MICL 1138-3165, MRIL 1350-3173; LOG TOPS: FORT APACHE 2222; 3180 TD, (FORT APACHE) (TD REACHED:04/06/1997) BHT: 113F PROD TEST(S): # 001 PERF (FORT APACHE) 2607-3164; FRACTURING (2607-3164) 37000 LB SAND # 002 PERF (FORT APACHE) 2336-2562; FRACTURING (2336-2562) 57000 LB SAND # 003 PERF (FORT APACHE) 2222-2296; 3180 DTD COMP:06/17/1998 TA-G; , NO DST RUN

RIDGEWAY ARIZONA OIL COMPANY 9-21 RIDGEWAY STATE

API 02-001-20309

21-9N-31E SW NE

1980 FNL 1980 FEL SEC

WILDCAT; 2300 FORT APACHE PERMIT: 897 (PMT APP'D 02/28/1997) (FR:03/03/1997 FM KMS) LEASE TYPE:STATE; OPER ADD: P O BOX 1110. ST. JOHNS, AZ 85936, (520)337-3230 EL: 7211 KB 7196 GR LOCATION DATA: 10 1/2 MI E-NE SPRINGERVILLE, AZ 17 MI SE UNNAMED FLDIFORT APACHE)CO2 DISC NE 3-11N-29E; VERTICAL:

CONTR: AZTEC WELL SERVICING, RIG # 124; SPUD:03/06/1997 CSG: 8 5/8 IN @ 1285 W/345 SACK,4 1/2 IN @ 2683 W/459 SACK; DRLG COMMENTS:

AZTECWS #157 COMPLETED.; LOG TYPES: CCL, VD, GR; LOG TOPS: FORT APACHE 1853; DST # 001(FORT APACHE) 1880-1964 NO OP 30 MIN SI 60 MIN OP 30 MIN SI 60 MIN: PIPE REC: 925 FT MCW SPL REC: 2400 CC W; IFP 81 FFP 385 IFP 391 FFP 465; ISIP 478 FSIP 478; IHP 887 FHP 880 BHT 116 F DST # 002(FORT APACHE) 1963-2160 NO OP 30 MIN SI 60 MIN OP 60 MIN SI 60 MIN; PIPE REC: 600 FT WCM, 450 FT MCW SPL REC: 2400 CC W; SPL CHAMBER :15; IFP 96 FFP 421 IFP 426 FFP 507; ISIP 522 FSIP 522; IHP 876 FHP 836 BHT 112 F 2586 TD, (GRANITE WASH) (TD REACHED:03/18/1997) PROD TEST(S): # 001 PERF (GRANITE WASH) 2489-2659 W/ 2 PF; FRACTURING (2489-2659) 55000 LB SAND GAS: 572 MCFD FTP 95; # 002 PERF (GRANITE WASH) 2489-2659; GAS: 997 MCFD FTP 100; # 003 PERF (FORT APACHE) 1942-2147 W/ 2 PF; FRACTURING (1942-2147) 107000 LB SAND # 004 PERF (GRANITE WASH) 2489-2659; 10/10/98 FLOWED 259 MCFGPD (99% CO2, .801% NITROGEN, .055% HELIUM); 10/27/98 FLOWED 0 MCFGPD. 2686 DTD COMP:10/30/1998 TA-G;

RIDGEWAY ARIZONA CIL COMPANY 10-26-29 RIDGEWAY STATE

API 02-001-20315

26-10N-29E

NW SW 2260 FSL 1206 FWL SEC

WILDCAT; 2300 FORT APACHE PERMIT: 903 (PMT APP'D 04/08/1997) (FR:04/10/1997 FM KMS) LEASE TYPE:STATE TARGET OBJ: GAS; OPER ADD: P O BOX 1110, ST. JOHNS, AZ 85936, (520)337-3230 EL: 6945 KB 6932

GR LOCATION DATA: 10 MI S UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 12 MI NE SPRINGERVILLE, AZ; VERTICAL;

CONTR: AZTEC WELL, SERVICING, RIG # 124; SPUD:04/18/1997 CSG: 8 5/8 IN @ 1098 W/600 SACK, 4 1/2 IN @ 3189 W/600 SACK; DRLG COMMENTS: AZTECWS #157 COMPLETED.; LOG TYPES: CBND, POR, LITH; LOG TOPS: SAN ANDRES 880, GLORIETA /SD/ 1176, SUPAI 1400, FORT APACHE 2020: SDWL # 001 FORT APACHE 1900-3118 1900 FT CO2 1901 FT CO2 1987 FT CO2 2083 FT CO2 2156 FT CO2 2176 FT CO2 2188 FT CO2 2200 FT CO2 2201 FT CO2 2267 FT CO2 2349 FT CO2 2474 FT CO2 2617 FT CO2 2712 FT CO2 3038 FT CO2 3082 FT CO2 3096 FT CO2 3100 FT CO2 3115 FT CO2 3118 FT; 3202 TD, (FORT APACHE) (TD REACHED:04/30/1997) 3202 DTD COMP:06/30/1998 D&A-G; , NO DST RUN

RIDGEWAY ARIZONA OIL COMPANY 10-22 RIDGEWAY STATE

API 02-001-20308

22-10N-30E SW SW

860 FSL 660 FWL SEC

WILDCAT: 2300 FORT APACHE PERMIT: 896 (PMT APP'D 02/18/1997) (FR:02/18/1997 FM KMS) LEASE TYPE:STATE; OPER ADD: P O BOX 1110. ST. JOHNS, AZ 85936, (520)337-3230 EL: 6891 KB 6878 GR LOCATION DATA: 10 MI S-SE UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 20 MI SE ST JOHNS, AZ: VERTICAL:

WF TA-G

CONTR: AZTEC WELL SERVICING, RIG # 124; SPUD:03/19/1997 CSG: 8 5/8 IN @ 743 W/335 SACK,4 1/2 IN @ 2252 W/791 SACK; DRLG COMMENTS: AZTECWELL SERVICING #157 COMPLETED.; LOG TYPES: GR, CCL, MICL, REST; LOG TOPS: FORT APACHE 1482, GRANITE 2235; RIG REL: 03/29/1997 SDWL # 001 1482-2235 1482 FT DOLO, SLI-MOD SLTY, TR SDY LAM, TR CALC SCT POR 1483 FT DOLO, SLI-MOD SLTY, TR SDY, SCT POR 1546 FT SS, RDBRN, VFG W/ CONS, MOD- V SLTY, SLTY LAM, INTGR POR 1648 FT SS, RDBRN, VFG W/ CONS, MOD-V SLTY, SLTY LAM, INTGR POR 1649 FT SS, RDBRN, VFG, MOD-W CONS SLTY, SHLY, LAM INTGR POR 1676 FT DOLO, SLI SLTY, MOD-V SDY, GRDG TO SS SCT POR 1758 FT SLTSTN, BRNRD, CONS MOD-V SDY, GYP LAM SCT POR 1763 FT NO ANALYSIS 1785 FT SLTSTN, LT BRN-LT RDBRN W/ CONS, TR-SL SDY, TR POR 2051 FT SLTSTN, LTBRN-LT RDBRN W/ CONS, TR-SL SDY, TR POR 2099 FT SLTSTN, BRNRD-DK RD W; CONS, TR SDY LAM, TR POR 2106 FT SLTSTN, LTBRN-LT BRNRD, CONS, SLI SDY, SCT GYP. SCT POR 2116 FT SLTSTN, BRNRD-DK RD, W CONS, TR SDY LAM, TR POR 2124 FT SLTSTN, LTBRN-LT RDBRN W/ CONS, SLI-MOD SDY, TR POR 2126 FT SLTSTN, BRNRD-DK RD W/ CONS, TR SDY LAM, TR POR 2157 FT SLTSTN, LT BRN-LT RDBRN W/ CONS, SL SDY, SL GYP, TR-SCT POR 2164 ET SLTSTN.

WF

WF

TA-G

D&A-G

TA-G



858

Tuesday, January 18, 2000

Mr. Steve Rauzi
Oil & Gas Administrator
Arizona Geological Survey
416 W. Congress, Suite 100
Tucson, Arizona 85701

Re: Extension for temporary abandonment status

Dear Mr. Rauzi:

We are requesting temporary abandonment status for the following wells: 3-1 State (permit 884), 22-1x State (permit 888), 11-21 State (permit 895), 10-22 State (permit 896), 9-21 State (permit 897), 10-16 State (permit 899), 12-15 State (permit 900).

Also we are still waiting for response from the State Land Department concerning wells 9-22 (permit 898), 212-16 (permit 902) as to whether they will be converted to water well use or plugged.

Thomas White Production Manager

C Larry Fellows, Director
Dale Nations, Chairman, Oil and Gas Conservation Commission



P.O. Box 1110 St. Johns, AZ 85936

> Tel: 520 337 3230 Fax: 520 587 3522

∛DWIGHTS PLUS DRILLING WIR(× **ROCKY MOUNTAIN REGION** Section II - 01/14/2000

PAGE 3

D&A

WF

WF

DRILLING PROGRESS

INITIAL CLASS: WF=NEW FIELD WILDCAT; WD=DEEPER POOL WILDCAT; WS=SHALLOWER POOL WILDCAT; WP=NEW POOL WILDCAT; WO=WILDCAT OUTPOST; D=DEVELOPMENT. X=RE-ENTRY; R=RE-DRILL LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED

ARIZONA/NEVADA

APACHE COUNTY

RIDGEWAY ARIZONA OIL COMPANY 9-22-29 RIDGEWAY

API 02-001-20310

22-9N-29E SW SE

1091 FSL 2674 FWL SEC

WILDCAT; PERMIT 898/2400 FORT APACHE (PMT APP'D 03/13/1997) (FR 03/17/1997 FM KMS) LEASE TYPE:STATE TARGET OBJ: GAS: EL: 7191 KB 7178 GR LOCATION DATA: 15 MI S UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 6 MI N SPRINGERVILLE, AZ; VERTICAL; WELL ID CHANGES: FTG CHGD FROM 1320 FSL 1320 FWL., SPOT CHGD FROM C SW., ELEV CHGD FROM 1746 GR.

CONTR: AZTEC WELL SERVICING, RIG # 124; SPUD: 03/30/1997 RAN PROD CSG DRLG COMMENTS: AZTECWS #157 COMPLETED.; 3180 TD, (TD REACHED:04/06/1997) 3180 DTD3180 TD, WOE (LDIR 01/12/2000)

RIDGEWAY ARIZONA OIL

COMPANY 10-26-29 RIDGEWAY STATE 26-10N-29E

NW SW 2260 FSL 1206 FWL SEC

WILDCAT; PERMIT: 903 2300 FORT APACHE (PMT APP'D 04/08/1997) (FR 04/10/1997 FM KMS) LEASE TYPE:STATE TARGET OBJ: GAS; EL: 6946 KB 6933 GR LOCATION DATA: 10 MI S UNNAMED FLD(FORT APACHE)CO2

DISC 3-11N-29E 12 MI NE SPRINGERVILLE, AZ; VERTICAL;

CONTR: AZTEC WELL SERVICING, RIG # 124; SPUD: 04/18/1997 CSG: 8 5/8 IN @ 1118; DRLG COMMENTS: AZTECWS #157 COMPLETED.; 2850 TD, (FORT APACHE) (TD REACHED:04/30/1997) 2850 DTD COMP 01/05/2000 D&A; HOLDING FOR DATA(LDIR 01/12/2000)

RIDGEWAY ARIZONA OIL COMPANY

10-22 RIDGEWAY STATE API 02-001-20308

22-10N-30E SW SW

660 FSL 660 FWL SEC

WILDCAT; PERMIT: 896 2300 FORT APACHE (FMT APP'D 02/18/1997) (FR 02/18/1997 FM KMS) LEASE TYPE:STATE; EL: 6891 KB 6878 GR LOCATION DATA: 10 MI S-SE UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 20 MI SE ST JOHNS, AZ; VERTICAL;

CONTR: AZTEC WELL SERVICING, RIG # 124; SPUD: 03/21/1997 DRLG COMMENTS: AZTECWELL SERVICING #157 COMPLETED.; DST # 001; ISIP 410. (AMOS WASH), REC CO2 GTS. 2265 TD, (TD REACHED:03/27/1997) 2265 DTD2265 TD, WOE (LDIR 01/12/2000)

RIDGEWAY ARIZONA OIL

COMPANY 10-16-31 RIDGEWAY API 02-001-20311

16-10N-31E NE SW

1980 FSL 1980 FWL SEC

WILDCAT; PERMIT: 899 2400 FORT APACHE (PMT APP'D 03/13/1997) (FR 03/17/1997 FM KMS) LEASE TYPE:STATE TARGET OBJ: GAS; EL: 7259 KB 7246 GR LOCATION DATA: 13 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 16 MI NE SPRINGERVILLE, AZ; VERTICAL;

CONTR: AZTEC WELL SERVICING, RIG # 124; SPUD: 04/08/1997 DRLG COMMENTS: LOST CIRC PROBLEMS WHILE DRLG, CO2 GTS @ TD.: 2798 TD, (TD REACHED:04/17/1997) 2798 DTD2798 TD, WOE (LDIR 01/12/2000)

RIDGEWAY ARIZONA OIL

COMPANY 12-16-28 RIDGEWAY STATE

16-12N-28E NW NE 1215 FNL 1991 FEL SEC

WILDCAT; PERMIT: 902 2150 FORT APACHE (PMT APP'D 04/08/1997) (FR 04/10/1997 FM KMS) LEASE TYPE:STATE TARGET OBJ: GAS; EL: 6001 KB 5988 GR LOCATION DATA: 2 MI SW ST JOHNS, AZ 7 1/2 MI W UNNAMED FLD(FORT APACHE)CO2 DISC 15-12N-29E; VERTICAL;

API 02-001-20314 CONTR: AZTEC WELL SERVICING, RIG # 124; SPUD: 05/21/1997 RAN PROD CSG. 2274 TD, (TD REACHED:05/25/1997) 2274 DTD2274 TD, WOE (LDIR 01/12/2000)

Jane Dee Hull Governor

Michael E. Anable State Land Commissioner

Arizona State Land Department

1616 West Adams Street Phoenix, AZ 85007 www.land.state.az.us

file 898



October 1, 1999

Mr. Thomas White, Production Manager Ridgeway Arizona Oil Corporation P. O. Box 1110

St. Johns, Arizona 85936

Re: Exploration Gas Wells

State 10-26-29 and State 9-22-29

Dear Mr. White:

In regard to your letter of June 3, 1999, please note that the procedure for conversion of oil and gas wells on state land should be as follows:

- 1) A letter should be sent to the State Land Department, requesting permission to convert the nonproductive well to a water well. Included with the request should be a copy of the well completion report, and any information regarding water quality.
- A copy of the request to the State Land Department, and an application to plug and abandon the well should be filed with the Oil and Gas Conservation Commission.
- 3) The Land Department will request at this time, that the lessee submit an application to place improvements with the Department.
- 4) Upon receipt of the request for conversion, well completion report, application to plug and abandon, and an application to place improvements, the Land Department will request approval from the Arizona Department of Water Resources.
- 5) Upon approval by the Oil and Gas Conservation Commission and Department of Water Resources, the Land Department will authorize the conversion to a water well.

Upon authorization by the Land Department, and in accordance with Oil and Gas Conservation Commission Rule R12-7-129, the well is to be plugged to the base of the freshwater aquifer, and the lessee shall then file with the Commission, the required water well acceptance form.

As specifically relates to the State 10-26-29 and State 9-22-29, the Land Department has no objection to these wells being converted to water wells. A copy of this letter along with an application to place improvements and a water well acceptance form, have been sent to our grazing lessees.

Sincerely,

Michael Rice, Manager Minerals Section

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MR/jh

934743**35349**

Arizona State Land Department

Michael E. Anable State Land Commissioner

Jane Dee Hull

Governor

1616 West Adams Street Phoenix, AZ 85007 www.land.state.az.us

October 1, 1999

Mr. and Mrs. Larry Sherwood P.O. Box 717 Springerville, Arizona 85938 file 898

RE: Exploration Gas Well: State 9-22-29 Conversion to water well.

Dear Mr. and Mrs. Sherwood:

As you may recall, Mr. Stephen Williams, Range Section Manager, sent you a letter on May 18, 1999, regarding the conversion of an oil and gas well to a water well. In this regard, I am sending you an application to place improvements and a water well acceptance form. The water well acceptance form differs from the form which you previously signed in that the form states that the well will be used as a livestock water well. At your earliest convenience would you please return these forms to the Department.

As also concerns the conversion of these wells, please note that the well, as will be plugged and abandoned by Ridgeway Arizona Oil Corporation, is not a reimburseable improvement. Any equipment added to a livestock water well, and any appurtenant storage tanks and watering troughs, in order to be entitled to reimbursement or compensation, shall have the permission of the Department before their placement.

As lastly involves this matter, please note that it is the understanding of the Department that Ridgeway will only plug the well back to the base of the freshwater aquifer. Because the well casing will not be perforated, the well will be incapable of producing water until such time as you have the well completed as a water well. It may be prudent in this instance to determine the cost of perforating the well.

Sincerely,

Michael Rice, Manage Minerals Section

MR/jh







file 898



Thursday, June 03, 1999

Mike Rice Manager, Minerals Section Arizona State Land Dept. 1616 West Adams Phoenix, Az. 85007

RE: Transferal of well for water well usage

Dear Mike,

This letter is in regards to our wells located on state land. The wells in question are State 9-22-29e, State 10-26-29e, we have released the mineral lease's on this land and the parties that hold the surface lease would like to utilize these wells for water wells. Because this is state land and not private what is the proper procedure to transfer these wells? also included in this letter are copies of water well acceptance forms from both interested parties.

Included in the land that Ridgeway released is well 12-16-28e we have not had a response concerning this well as a water well so we will follow the standard plug and abandon procedure.

Your immediate response in this matter is appreciated.

Thomas White

Production Manager R.A.O.C.

Cc Mike Anable

CO SILLI TE TO THE PARTY OF STREET O

P.O. Bax 1110 St. Johns. AZ 85936 Tel: 520 337 3230

Tel: 520 337 3230 Fax: 520 587 3522





State of Arizona

Arizona Geological Survey

416 W. Congress, Suite 100 Tucson, Arizona 85701 (520) 770-3500

May 13, 1999



Larry D. Fellows

Сочениог

Mr. Thomas White Production Manager Ridgeway Arizona Oil Corporation P.O. Box 1110 St. Johns, Arizona 85936

Re: Status of Shut-in Wells

Dear Mr. White:

This will confirm the Oil and Gas Conservation Commission's decision of May 7, 1999, regarding the status through January 2000 of Ridgeway's 10 shutin wells.

- 1. The Commission granted extension of shut-in status for the 7 wells located on active leases. These include wells 3-1 State (Permit 884), 22-1X State (888), 11-21 State (895), 10-22 State (896), 9-21 State (897), 10-16-31 State (899), and 12-15-30 State (900).
- 2. The Commission did not grant an extension for the 3 wells located on leases released by Ridgeway. These include wells 9-22-29 State (898), 12-16-28 State (902), and 10-26-29 State (903).

As you know, A.A.C. R12-7-125 requires the 3 wells not granted an extension to be plugged and abandoned or converted to water well use pursuant to A.A.C. R12-7-129 before Ridgeway's performance bond may be released on the wells.

Sincerely,

Steven L. Rauzi

Oil & Gas Program Administrator

Stevent Raiz

Larry D. Fellows, Director and State Geologist
J. Dale Nations, Chairman, Oil and Gas Conservation Commission

878

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Fax

☐ Urge	nt 🛚 For Review	☐ Please Comment	☐ Please Reply	☐ Please Recycl
Re:	Water well acceptance	cc.	Charles Cantwell, ASLI	<u>)</u>
Phone:	337-3230	Pages	1 2	
Fax:	5 87-55 22 337-3	162 Dates	April 29, 1999	
To:	Tom White, RAOC	From:	Steve Rauzi	

•Comments:

Thank you for copying me with the 3 letters you wrote to the grazing lessees regarding potential conversion of the 9-22-29, 10-26-29, and 12-16-28 to water wells. As you are probably aware, the transfer is accomplished through oil and gas rule A.A.C. R12-7-129 after the well has been plugged in accordance with R12-7-127 to the base of the fresh water strata. I have attached a copy of our application to plug and abandon for your convenience.

If the grazing lessees were interested in using the abandoned wells as water wells, they would need to advise the Land Department of that. It is the Land Department that would accept the wells as water wells.

Please let me know if we may be of further assistance.

Fax

898

To: Charles Cantwell From: Steve Rauzi

Fax: 542-4668 Date: April 29, 1999

Phone: 542-2670 Pages: 8

Re: Water well acceptance CC:

Urgent □ For Review □ Please Comment □ Please Reply □ Please Recycle

•Comments:

.

I have attached the 3 letters to grazing lessees that Ridgeway wrote regarding potential conversion of abandoned oil tests to water wells and a blank water-well acceptance form. The form may be modified as to the type of water well.

For your information, the transfer of abandoned oil or gas tests to water well status is accomplished through oil and gas rule A.A.C. R12-7-129.

I have also enclosed the completion (temporary abandonment) forms for the 3 wells that Ridgeway intends to abandon (our permits numbers 898, 902, and 903). The forms provide the location and mechanical status for the wells.

Please give me a call if you need further information.



P/H 898

April 28, 1999

Larry & Mary Sherwood P. O. Box 717 Springerville, AZ 85938

CERTIFIED MAIL Z 218 526 062

Dear Mr. & Mrs. Sherwood:

Our records indicate that you hold a grazing Lease Contract 005-001362-00, on Township 9 North, Range 29 East in Apache County, Arizona. Early on in our project, we had been approached by several of the ranchers in the area who hold grazing leases, expressing an interest in keeping wells that Ridgeway is going to plug and abandon for water wells.

At the present time, we plan to abandon a well we drilled on Section 22, of Township 9 North, Range 29 East. If you are interested in keeping this well for a water well, please have the enclosed Water Well Acceptance Form, Signed, Notarized and returned to our office immediately so that we can process well transfer papers to the state of Arizona. If you are not interested in keeping the well, please contact our office at 520-337-3230 or 888-337-7444. Your cooperation in this matter is appreciated.

Sincerely,

RIDGEWAY AZ OIL CORP.

Thomas White Production Manager

TW:ct Enclosure

cc: Mike Rice, AZ State Land Department Steve Rauzi, AZ Geological Survey Walter Ruck, Ridgeway Petroleum, Corp. RAOC STJ 112



P.O. 8ox 1110 St. Johns, AZ 85936 Tel: 520 337 3230 Fax: 520 587 3522 .

Jane Dee Hull Governor

Michael E. Anable State Land Commissioner

Arizona State Land Department

1616 W. Adams Street Phoenix, AZ 85007 (602) 542-4621 www.land.state.az.us



April 27, 1999

Mr. Don Riggs Ridgeway Arizona Oil Corporation P. O. Box 1110 Saint Johns, Arizona 85936

RE: Relinquishment of Oil and Gas Leases. Letter of January 15, 1999.

Dear Mr. Riggs:

In accordance with the captioned letter of January 15, 1999, the Department canceled twenty-four oil and gas leases. In this regard and as was overlooked at the time, there exist five leases upon which drilling was completed. According to our records, oil and gas leases 13-101344, 13-101352, 13-101533, 13-101536, and 13-101544 each have one well which was drilled on the property. According to the records of the Oil and Gas Commission, the wells located on 13-101344, 13-101533, and 13-101536 have been shut-in and have not been plugged and abandoned.

In order to correct this situation, it will be necessary to plug and abandon three wells and also complete final reclamation of all five well locations. As concerns reclamation of the property, I will soon be sending to you the required reclamation measures.

Sincerely

Michael Rice, Manager Minerals Section

CC: V. Ottozawa Chatupron, Engineering Steve Rauzi, Arizona Geological Survey

MR/jh



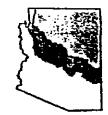
Jane Dee Hull

Covernor

Arizona Geological Survey

416 W. Congress, Suite 100 Tucson, Arizona 85701 (520) 770-3500

March 12, 1999



Larry D. Fellows Director and State Geologist

Mr. Thomas White Production Manager Ridgeway Arizona Oil Corp P.O. Box 1110 St. Johns Arizona 85936

St. Johns, Arizona 85936

Re: Status of temporary abandonment

Dear Mr. White:

You may recall that the Oil and Gas Conservation Commission brought the referenced matter up at its January 15, 1999, meeting. For some reason, the matter was delayed until a later part of the meeting but was not brought up again.

As a result, I have no decision to report at this time. The current shut-in status of your wells will continue until the Commission's next meeting on May 7, 1999.

Sincerely,

Steven L. Rauzi

Stevent. Ra

Oil & Gas Program Administrator

Larry D. Fellows, Director and State Geologist
 J. Dale Nations, Chairman, Oil and Gas Conservation Commission



Thursday, March 04, 1999

Mr. Steve Rauzi Az. Geological Survey Suite 100 416 W. Congress Tucson, 85701

Re: Status of temporary abandonment

Dear Mr. Rauzi,

On Jan. 20 1999 Ridgeway AZ-Oil Corp requested to temporarily abandon well permit numbers: 888, 895, 897, 896, 898, 898, 899, 900, 902, 884, 903. To date we have not heard back form the Oil and Gas Commission concerning their decision.

ARIZONA GEOLOGICAL

Please inform us in writing of their decision, also if there are any questions as to the above-mentioned wells please call.

Respectfully,

Thomas White

Production Mgr. RAOC

Cc: Mike Rice, AZ State Land Dept.

P.O. Box 1110 St. Johns, AZ 85936

Tel: 520 337 3230 Fax: 520 587 3522



Wednesday, January 20, 1999 Mr. Steve Rauzi Az. Geological Survey Suite 100 416 W. Tucson, 85701

RE: Request of temporary abandonment status for State Permit #'s 884, 888, 895, 896, 897, 898, 899, 900, 902 and 903

Dear Mr. Rauzi:

We are requesting that temporary abandonment status be extended to the above-mentioned wells, as was mentioned in my letter dated Jan. 05, 1999 these wells have well-bore skin damage and warrant further testing and evaluation.

If there are any questions concerning this matter please advise.

Sincerely,

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Ridgeway AZ. Oil Corp

Thomas White Production Manager

Cc: Mike Rice
Andrew Hurwitz

JAN 1999

ARIZONA

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at there are may questions concerning this matter pictuse talvi, e.

P.O. Box 1110 St. Johns, AZ 85936 Tel: 520 337 3230

Fax: 520 587 3522



Tuesday, January 05, 1999 Mr. Steve Rauzi Arizona Geological Survey 416 W. Congress, Suite 100 Tucson, AZ. 85701 898

Dear Mr. Rauzi:

I've included the test results from 3-1 also from 10-16, as stated per our phone conversation yesterday 11-21 is the last well we have ready for test, 9-22, 10-22, 12-15, 12-16, 10-26 these wells all need remedial work before they can be tested.

Also through our engineering study on the reservoir we have extensive skin damage in all of our wells that will require further testing and evaluation.

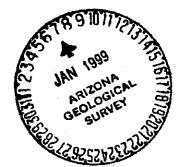
If there are any further questions please advise

Sincerely,

Ridgeway AZ Oil Corp.

Thomas White

Production Manager R.A.O.C.



P.O. Box 1110 St. Johns, AZ 85936 Tel: 520 337 3230

Fax: 520 587 3522





Jane Dee Hull Governor

Arizona Geological Survey

416 W. Congress, Suite 100 Tucson, Arizona 85701 (520) 770-3500



Larry D. Fellows
Director and State Geologist

December 21, 1998

Mr. Thomas White Production Manager Ridgeway Arizona Oil Corp P.O. Box 1110 St. Johns, Arizona 85936 file 878

Re: Completion testing of Arizona wells Nos. 11-21, 10-22, 9-22-29, 10-16-31, 12-15-30, 12-16-28, and 10-26-29.

Dear Mr. White:

You had indicated in August that you expected to complete flow and build up testing your wells in Arizona by the end of this year. To date, we have received a flow test for the 22-1X well and a flow and build up test for the 9-21 well.

Have you completed the flow and build up testing for the rest of your wells as you had indicated and when may we expect to receive the results?

We look forward to receiving the results for the rest of your wells.

Sincerely,

Steven L. Rauzi

Oil & Gas Program Administrator

Steven C. Rang

c Larry D. Fellows, Director and State Geologist

07-21-1998 10:19AM FROM EPT OF GEOLOGY

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State of Arizona

Arizona Geological Survey

416 W. Congress, Suite 100 Tucson, Arizona 85701 (520) 770-3500



Larry D. Fellows Director and State Geologist

July 21, 1998

Don Riggs Vice President of Operations Ridgeway Arizona Oil Corporation P.O. Box 1110 St. Johns, AZ 85936

Dear Mr. Riggs,

After conferring with the Arizona Attorney General's Office, I find that that the Arizona Oil and Gas Conservation Commission cannot grant your request to extend the confidential status of Ridgeway's carbon dioxide wells in Apache County, Arizona. The two year confidential status that is granted for geothermal wells is not relevant to carbon dioxide or other natural gas wells. Arizona Revised Statute No. 27-522 specifies a six-month confidential status for oil and natural gas wells, which is consistent with well-established standards of the oil and gas industry.

The Arizona Oil and Gas Conservation Commission has been supportive of Ridgeway's development and will continue to be. However the Commission must comply with state law and make information on the wells available to the public on July 24, 1998.

Sincerely,

J. Dale Nations, Chairman

copy:

Dr. Larry Fellows, Director of Arizona Geological Survey Jay Skardon, Arizona Attorney General's Office



July 14, 1998

Arizona Geological Survey 416 W. Congress Suite 100 Tucson, AZ 85701

Attn: Mr. Steve Rauzi

Oil & Gas Program Administrator

RE: Confidential Status

Certified Mail: Z 444 756 601

Dear Mr. Rauzi:

Ridgeway Arizona Oil Corporation (Ridgeway) is in receipt of your letter of July 10, 1998, refusing to extend the confidential status of our development. Past conversations with Dr. Fellows indicated that upon written request for Confidential Extension, this could be done.

Ridgeway has approximately 250,000 acres leased in Apache County Arizona, for future development. Due to the size of this field, it will require one (1) to two (2) years of reservoir studies, state and federal agency requirements, mainly EIS and unitization. These actions are on going and could take up to two (2) years to complete.

Ridgeway requires Confidential Agreements with all parties involved in any negotiations with the company. Release of geological information by the State of Arizona could prove to be a deterrent to the future of Ridgeway.



P.O. Box 1110 St. Johns, AZ 85936 Tel: 520 337 3230 Fax: 520 587 3522



Page 2 of 2 Rauzi

Ridgeway respectfully request the Commission to reconsider the two (2) years Confidential Status granted to geothermal wells, (Arizona Administrative Code R 12-7-121 sub part D) to carbon dioxide/helium wells.

Sincerely,

RIDGEWAY AZ OIL CORP

Don Riggs

Vice President of Operations

DR:ct

Cc: Larry D. Fellows, Director & State Geologist

J. Dale Nations, Chairman, Oil & Gas Conservation

Mike Rice, Manager Minerals Section Mark Steadman, Attorney General Murray Snow, Ridgeway Attomey

Walter Ruck, Ridgeway Petroleum Corp.

Rauzi.ltr.7-14-98



P.O. Box 1110 St. Johns, AZ 85936 Tel: 520 337 3230 Fax: 520 587 3522





Jane Dee Hall Governor

State of Arizona Arizona Geological Survey

416 W. Congress, Suite 100 Tucson, Arizona 85701 (520) 770-3500



Larry D. Fellows Director and State Geologist

July 10, 1998

Mr. Thomas White Ridgeway Arizona Oil Corp P.O. Box 1110 St. Johns, Arizona 85936

898

Re: Wells 22-1X State (State Permit #888), 11-21 State (895), 10-22 State (896), 9-21 State (897), 9-22-29 State (898), 10-16-31 State (899), 12-15-30 State (900), 13-36-29 State (901), 12-16-28 State (902), and 10-26-29 State (903).

Dear Mr. White:

Please be advised that the Commission is not able to extend the confidential status for the referenced wells beyond July 23, 1998.

Please advise if we may be of further assistance.

Sincerely,

Steven L. Rauzi

Oil & Gas Program Administrator

Stevent Rais

Larry D. Fellows, Director and State Geologist
 J. Dale Nations, Chairman, Oil and Gas Conservation Commission



898

Monday, July 06, 1998

Mr. Steve Rauzi Arizona Geological Survey 416 W. Congress, Suite 100 Tucson, AZ. 85701

Dear Steve:

This letter is in regards to the release of confidential status (R12-7-121,D.) on July23. We would like to request an extension on this confidential status, in past conversation between Larry Fellows And yourself you seemed to indicate that in written form it was possible to gain an extension. Ridgeway would like to request a two year extension due to the fact we are in contract negotiations that could take up to a year.

If there are any further questions please advise

Sincerely, Ridgeway AZ Oil Com

Thomas White

Production Manager R.A.O.C.

Cc: Larry Fellows, Director and State Geologist
J. Dale Nations, Chairman, Oil and Gas Commission
Mike Rice, Minerals Manager, State Land Dept.
Kenneth Rosen, State Land Dept
Marc Steadman, Office of Attorney General



P.O. Box 1110 St. Johns, AZ 85936 Tel: 520 337 3230 Fax: 520 587 3522





Jane Dee Hull Governor

State of Arizona Arizona Geological Survey

416 W. Congress, Suite 100 Tucson, Arizona 85701 (520) 770-3500



Larry D. Fellows Director and State Geologist

June 26, 1998

Mr. Thomas White Ridgeway Arizona Oil Corp P.O. Box 1110 St. Johns, Arizona 85936

Po: Ma

Wells 11-21 State (Permit #895), 10-22 State (896), 9-21 State (897), 9-22-29 State (898), 10-16-31 State (899), 12-15-30 State (900), 12-16-28 State (902), and 10-26-29 State (903).

Dear Mr. White:

This will acknowledge your letter of June 22, 1998. Our records show that the referenced wells were completed as temporarily abandoned wells on January 23, 1998. Under R12-7-121(D) the wells will be held confidential for 6 months from that date, through July 23, 1998.

Please advise if we may be of further assistance.

Sincerely,

Steven L. Rauzi

Oil & Gas Program Administrator

Staul Rain

Larry D. Fellows, Director and State Geologist
J. Dale Nations, Chairman, Oil and Gas Conservation Commission

O



Friday, June 22, 1998 Mr. Steve Rauzi Az. Geological Survey Suite 100 416 W. Tucson, 85701

RE: Completion Reports

Dear Mr. Rauzi:

This letter is to inform you that we are currently working on the requested completion forms, as soon as we have them completed we will submit them to our legal counsel for review they in turn will send them directly to the Arizona Geological survey. Mr. Rauzi it has also come to our attention according to the A.A.C. r12-7-121,D. that these wells will be considered completed therefore the Commission is only obligated to keep these wells confidential for a period not to exceed 6 mo. . These wells are not completed but on temporary abandonment status, we need some clarification on this issue.

If there are any questions concerning this matter please advise.

Sincerely,

Ridgeway AZ. Oil Corp

Thomas White Production Manager

Cc: Mike Rice, Mineral Manager, State land Dept. Kenneth Rozen, State Land Dept. Chet Oakely, Geoligist, State Land Dept. Larry Fellows, State Geoligist Marc Steadman, Office Of Attorney General



P.O. Box 1110 St. Johns, AZ 85936 Tel: 520 337 3230 Fax: 520 587 3522 JUN-19-1998 10:30

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> 1618 WEST ADAMS PHOENIX, ARIZONA 85007



J. Dennis Wells State Land Commissioner

June 16, 1998

file 898

Mr. Don Riggs
Vice President, Operations
Ridgeway Arizona Oil Corporation
P. O. Box 1110
St. Johns, Arizona 85936

Re: Exploration and Development

St. Johns CO₂ Field

Dear Mr. Riggs:

Since beginning the most recent phase of drilling operations in early 1997, there have been a number of issues arise with respect to plans of operation, advance notice to the Department and its surface lessees, and the overall conduct of operations on the property. Though Ridgeway has been cooperative in meeting the requests of the Department, it is also evident that most of these issues could have been avoided with the timely filing of a plan of operation. In this regard, I have outlined below the conditions for approving any additional work on State land.

- Plans of operation are to be received by the Department no later than 60 days prior to conducting any operations on the leased land. In instances where the well has been drilled and the plan contemplates testing of the well the plan is to be submitted no later than 10 days prior to the start of operations. As indicated in Section 17 of the lease agreement, operations may not be commenced without the approval of the Department.
- Upon receiving the plan from Ridgeway, the Department will then inform the surface lessee of proposed activities. In order to coordinate activities with the surface lessee, the proposed access routes and drill site locations should be discussed with the surface lessee prior to developing the plan.
- The Department is to be informed of the completion of approved operations within 10 working days.

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JUN-19-1998 10:30

STATE LAND DEPT.

6025424668 P.03/04

Mr. Don Riggs June 16, 1998 Page 2

- All reasonable attempts shall be made to avoid conducting operations during inclement weather conditions. Contract terms as well as the scheduling of drilling operations should be considered in the development of drilling plans.
- All newly constructed drill sites, access roads, and turn-outs are to be scarified and seeding rate will be provided to you at a later date.
- As deemed appropriate by the Department, all disturbed areas including pre-existing ranch roads will either be maintained or abandoned using appropriate erosion control measures. Water bars, water turn-outs, and general road maintenance requirements will be developed by the Department's Drainage and Engineering Section and Apache County Natural Resource Conservation Service.
- As determined from my field exam of May 15, 1998, the construction and/or backfilling and leveling of well site 10-22 may have disturbed an archaeological site. There is to be no additional work on this particular well site until such time as authorized by the Department.
- All drill sites which have not been backfilled and leveled shall have all trash and debris removed from the property. As evidenced from my field examination on May 14th and May 15th, there exist a number of sites in which the drilling crew and supplies. Of particular note is well site 10-16-31.
- As noted during my recent field exam, there are three drill sites which show evidence of oil and/or hydraulic fluid having leaked onto the ground. For well sites 9-22-29, dispose of it according to federal, state, and local laws.

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7/N 898

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6025424668 P.03/04

JUN-19-1998 10:30

STATE LAND DEPT.

Mr. Don Riggs June 16, 1998 Page 2

- All reasonable attempts shall be made to avoid conducting operations during inclement weather conditions. Contract terms as well as the scheduling of drilling operations should be considered in the development of drilling plans.
- All newly constructed drill sites, access roads, and turn-outs are to be scarified and seeded using a broadcast and rake seeding method. The timing, seed mixture, and seeding rate will be provided to you at a later date.
- As deemed appropriate by the Department, all disturbed areas including pre-existing ranch roads will either be maintained or abandoned using appropriate erosion control measures. Water bars, water turn-outs, and general road maintenance requirements will be developed by the Department's Drainage and Engineering Section and Apache County Natural Resource Conservation Service.
- As determined from my field exam of May 15, 1998, the construction and/or backfilling and leveling of well site 10-22 may have disturbed an archaeological site.
 There is to be no additional work on this particular well site until such time as authorized by the Department.
- All drill sites which have not been backfilled and leveled shall have all trash and debris removed from the property. As evidenced from my field examination on May 14th and May 15th, there exist a number of sites in which the drilling crew improperly disposed of thread protectors, mud additives or other drilling equipment and supplies. Of particular note is well site 10-16-31.
- As noted during my recent field exam, there are three drill sites which show evidence of oil and/or hydraulic fluid having leaked onto the ground. For well sites 9-22-29, 10-16-31, and 10-26-29, the Department is requiring that you remove the soil and dispose of it according to federal, state, and local laws.

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3/N 898

JUN-19-1998 10:31

STATE LAND DEPT.

6025424668 P.04/04

Mr. Don Riggs June 16, 1998 Page 3

As concerns gates or other improvements belonging to the grazing lessee, they are all to be repaired or replaced if damaged during the course of conducting operations on the property. Of particular note are gates which have been repaired but which still need attention (well sites 10-22 and 10-16-31). In addition to these gates there is also a cattle guard along the access road to well site 10-26-29.

Confirmed and Agreed to

Signature

Date

Sincerely,

Michael Rice, Manager Minerals Section

Natural Resources Division

MR:mlt





Jane Dee Hull Governor State of Arizona

Arizona Geological Survey

416 W. Congress, Suite 100 Tucson, Arizona 85701 (520) 770-3500



Larry D. Fellows
Director and State Geologist

June 5, 1998

Mr. Thomas White Ridgeway Arizona Oil Corp P.O. Box 1110 St. Johns, Arizona 85936

898

Re: Review of well files:

Wells 11-21 State (Permit #895), 10-22 State (896), 9-21 State (897), 9-22-29 State (898), 10-16-31 State (899), 12-15-30 State (900), 12-16-28 State (902), and 10-26-29 State (903).

Dear Mr. White:

Thank you for your letter of May 26, 1998. Please note that under our rule A.A.C. R12-7-121 a completion report is due within 30 days of a well being temporarily abandoned. It has been 4 months since the referenced wells were approved for temporary abandonment and completion reports are due. Please forward the reports. Several completion reports are enclosed for your convenience.

According to sundry notices in our files, Ridgeway ran downhole pressure gauges in its 3-1 State (884), 22-1X State (888), and 11-21 State (895) in mid 1997 but did not report the pressure results. Please forward the downhole pressure results.

Thank you.

Sincerely,

Steven L. Rauzi Oil & Gas Program Administrator

Larry D. Fellows, Director and State Geologist
 J. Dale Nations, Chairman, Oil and Gas Conservation Commission

enclosures

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May 26, 1998

Mr. Steve Rauzi Arizona Geological Survey 416 W. Congress, Suite 100 Tucson, Arizona 85701

Re: Request of Completion Reports

Dear Mr. Rauzi:

Enclosed you will find a copy of your Jan.23, 1998 written permission for temporary abandonment. These wells are temporally abandoned pursuant to A.A.C. R12-7-125, according to this code "Permission shall be granted for a period not to exceed I year. One-year extensions may be granted." Therefore these wells are shut-in for evaluation and are not completed, we also understand that we are obligated to notify the Commission at least 10 days prior to re-entry (a.a.c.r12-7-125.d), there has not been any further work done to these wells

If there are any questions please advise

Thomas White

Sincerely,

Production Manager R.A.O.C.

C Larry Fellows Director and State Geologist

Rauzi5/26/98

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P.O. Box 1110 St. Johns, AZ 85936 Tel: 520 337 3230 Fax: 520 587 3522



Jane Dee Hull Governor

State of Arizona Arizona Geological Survey

416 W. Congress, Suite 100 Tucson, Arizona 85701 (520) 770-3500



Larry D. Fellows Director and State Geologist

May 18, 1998

898

Mr. Don Riggs Ridgeway Arizona Oil Corp P.O. Box 1110 St. Johns, Arizona 85936

Re: Wells 11-21 State (Permit #895), 10-22 State (896), 9-21 State (897),

9-22-29 State (898), 10-16-31 State (899), 12-15-30 State (900),

12-16-28 State (902), and 10-26-29 State (903).

Dear Mr. Riggs:

A review of our records indicates that we have not received a completion report, subsurface pressure measurement, and open flow capacity determination for the referenced wells as required under our rules. It has been about a year since these wells were drilled and I am writing to remind you that these reports are due. Please forward the reports.

Sincerely,

Steven L. Rauzi

Oil & Gas Program Administrator

Steent Rang

C Larry D. Fellows
Director and State Geologist





Jane Dee Hull Governor

Arizona Geological Survey

416 W. Congress, Suite 100 Tucson, Arizona 85701 (520) 770-3500



Larry D. Fellows Director and State Geologist

January 23, 1998

Mr. Thomas White Ridgeway Arizona Oil Corp P.O. Box 1110 St. Johns, Arizona 85936

Re: Temporary abandonment of Ridgeway Arizona Qil Corporation wells: State Permit #'s 884, 888, 895, 896, 897, 898, 899, 900, 902, and 903

Dear Mr. White:

This letter constitutes written permission for temporary abandonment of the referenced wells pursuant to A.A.C. R12-7-125.

Sincerely,

Steven L. Rauzi

Oil & Gas Program Administrator

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C Oil and Gas Commissioners

Page 2

After discussing if a temporarily-abandoned versus shut-in status would prevent Ridgeway from continuing to hold its leases, whether a gas analysis is a test required under the oil and gas rules, and the extension of confidentiality with Messrs. Riggs and White of Ridgeway,

Mr. Lanshe moved, seconded by Dr. Clay:

TO APPROVE THE RECOMMENDATION OF THE ADMINISTRATOR TO TEMPORARILY ABANDON RIDGEWAY'S WELLS SUBJECT TO DETERMINATION BY THE LAND DEPARTMENT THAT SUCH STATUS WOULD NOT JEOPARDIZE RIDGEWAY'S ABILITY TO CONTINUE TO HOLD ITS LEASES

Motion carried unanimously.

Mr. Lanshe moved, seconded by Dr. Clay:

THAT THE COMMISSION DEFER ACTION ON WHETHER A GAS ANALYSIS IS A TEST AND THE COMMISSION'S ABILITY TO GRANT A SIX-MONTH EXTENSION OF CONFIDENTIALITY PENDING A WRITTEN OPINION FROM LEGAL COUNSEL

Motion carried unanimously.

COMMISSION POLICY ON PUBLIC AND INDIAN LAND

Mr. Rauzi reported that the Commission holds bonds for companies drilling on public and Indian lands even though companies drilling on public land are required to post a bond with the federal government and companies drilling on Indian land are required to post a bond with the BIA. He reported that the bonds held by the Commission are duplicate bonds.

Mr. Lanshe moved, seconded by Dr. Clay:

THAT THE ADMINISTRATOR RELEASE DUPLICATE BONDS IF EVIDENCE OF BONDS HELD WITH THE FEDERAL GOVERNMENT OR BIA IS OBTAINED

Motion carried unanimously.

CALL TO THE PUBLIC

Paul Buff reported that the Bureau of Land Management would hold its next oil and gas lease sale in December.

ANNOUNCEMENTS

None.

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The same

Arizona State Land Bepartment

1616 WEST ADAMS PHOENIX, ARIZONA #5007



J. DENNIS WELLS STATE LAND COMMISSIONER

December 17, 1997

Mr. Don Riggs, Vice President Operations Ridgeway Arizona Oil Corporation P. O. Box 1110

St. Johns, Arizona 85936

Re: Well Classifications

Dear Mr. Riggs:

As discussed during the Oil and Gas Commission meeting of October 31, 1997, the Department has reviewed your concerns about certain wells being classified as "Temporarily Abandoned." Based upon our review of the oil and gas lease agreement, the Department does not believe the classification jeopardizes the lease or any extension of the lease beyond the primary term. The basis for our position is as follows:

- There are no leases held by Ridgeway Arizona Oil Corporation in which the 1) primary term expires earlier than 1999.
- There has been no production from state land nor has there been 2) demonstrated to the Department a discovery on state land. In the absence of either a discovery well or production from state land, an extension of the lease must be exercised through Section 2, Paragraphs b and c of the agreement.
- With the exception of extending the lease through diligent drilling, 3) completion, reworking operations, or production from the property, the longest term of any oil and gas lease is for a period of ten years. Since the act of diligently developing or producing from the property is a requirement for extending the lease beyond a term of 10 years, the classification of the well has no bearing upon the granting of an extension by the Department.

Mr. Don Riggs, Vice President Operations December 17, 1997 Page 2

For your convenience I have enclosed a copy of the Department's oil and gas lease agreement and specifically refer you to Page 2 of the agreement. Should you have any further questions regarding this matter, please feel free to contact the Department at any time.

Sincerely,

Dennis Wells

State Land Commissioner

ЉW:mlt

Enclosure

c: Oil and Gas Conservation Commission

Arizona Geological Survey Attention: Steven L. Rauzi

TROLEUM INFORMATION/DWIGHTS DAILY ACTIVITY REPORT **SECTION II - 12/12/97**

PAGE 8

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DRILLING ACTIVITY

INITIAL CLASS: WF = NEW FIELD WILDCAT; WD = DEEPER POOL WILDCAT; WS = SHALLOWER POOL WILDCAT; WP = NEW POOL WILDCAT; WO = WILDCAT OUTPOST; D=DEVELOPMENT.

■ DENOTES NEW INFORMATION ADDED THIS WEEK LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED.
■ DENOTES A FINAL STATUS HAS BEEN ADDED TO THE WELL.

ARIZONA

APACHE COUNTY

RIDGEWAY ARIZONA OIL 9-22-29 RIDGEWAY API 02-001-20310

J. 144 C. J. 1860

22-9N-29E SW SE 1091 FSL 2674 FWL

WILDCAT; PERMIT #898; 2400 FORT APACHE, (FR 03/17/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7191 KB; LOCATION DATA: 15 MI S UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 6 MI N SPRINGERVILLE, AZ: TO BE VERTICALLY DRILLED.

WELL ID CHANGES: FTG CHGD FROM 1320 FSL 1320 FWL. SPOT CHGD FROM C SW. ELEV CHGD FROM 1746 GR. CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/30/97 DRLG COMMENTS: AZTEC WS #157 COMPLETED. 3180 TD, (TD

REACHED: 04/ 06/97); ... 3180 TD, SI (LDIR 12/11/97) **RIDGEWAY ARIZONA OIL** 9-21 RIDGEWAY STATE

API 02-001-20309

21-9N-31E SW NE

1980 FNL 1980 FEL

WILDCAT; PERMIT #897; 2300 FORT APACHE, (FR 03/03/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7211 KB; LOCATION DATA: 17 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC NE 3-11N-29E 10 1/2 MI E-NE SPRINGERVILLE, AZ; TO BE VERTICALLY

DRILLED. CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/08/97 CSG: 4 1/2 @ 2680; DST # 1 (GRANITE WASH) 2600, ISIP 680, REC CO2 GTS(AMT NOT RPTD); DRLG COMMENTS: AZTEC WS #157 COMPLETED. 2686 TD, (TD REACHED: 03/ 16/97); PROD TEST(S): PERF (GRANITE WASH), F 572 MCFD, 48/64 CK, TP 95. PERF (GRANITE WASH), F 997 MCFD, 48/64 CK, TP 100. . . . 2686 TD, SI (LDIR 12/11/97)

COLORADO

JACKSON COUNTY

WOFFORD WILLIAM R 9 DOWDELL API 05-057-06375

1-8N-82W SE NE 2455 FNL 1235 FEL

DELANEY BUTTE; PERMIT #97-560; 2000 GRANITE. (FR 07/22/97DN) OPER ADD: BOX 1075 608 WASHINGTON ST. WALDEN, CO, 80480 PHONE (970) 522-6541; EL: 8323 GR; LOCATION DATA: 13 1/2 MI WSW WALDEN, CO: CONTR: NOT RPTD; SPUD: 08/15/97 (EST), CSG; RAN PROD CSG; 2000 TD, (TD REACHED: 09/ 01/97); . . . 2000 TD(APPROX), WOCT (LDIR 12/11/97)

WELD COUNTY

NORTH AMERICAN RES 12-26 RODMAN-BRUNTZ API 05-123-19477

26-2N-66W SW NW 1650 FNL 990 FWL

WATTENBERG; PERMIT #97-811; 7800 J SAND, (FR 10/23/97FM) OPER ADD: 16157 COUNTY RD 22, FORT LUPTON, CO, 80621 PHONE (303) 659-7740; EL: 6072 GR; LOCATION DATA: 4 MI NE FORT LUPTON, CO.

CONTR: ASHBY DRLG, RIG #1:SPUD: 11/28/97, 8265 TD, (TD REACHED: 12/ 05/97); ... 8265 TD, WOCT (LDIR 12/11/97) **NORTH AMERICAN RES** 28-3N-68W WATTENBERG; PERMIT #97-850; 7800 J SAND, (FR 11/05/97FM) OPER

33-28 SLATER API 05-123-19486

NW SE 1650 FSL 1650 FEL ADD: 16157 W C R 22, FORT LUPTON, CO, 80621 PHONE (303) 659-7740; EL: 4960 GR: LOCATION DATA: 3 MI S MEAD, CO.

CONTR: ASHBY DRLG: SPUD: 12/05/97 (EST), ... DRLG, DEPTH NOT RPTD (LDIR 12/11/97) PRIMA O&G WATTENBERG; PERMIT #97-743; 7442 CODELL. (FR 10/06/97DN) OPER 14-4N-67W 14-31 EHRLICH NE SW ADD: 1801 BROADWAY STE 500, DENVER, CO, 80202 PHONE (303) 885-4861; API 05-123-19464 1980 FSL 1780 FWL EL: 4831 GR; LOCATION DATA: 1 1/2 MI S MILLIKEN, CO;

972;SPUD: 12/10/97, . . . DRLG (LDIR 12/11/97) PRIMA 0&G 12-5N-67W 12-3B TRI-POINTE NE SW

WATTENBERG; PERMIT #97-764; 7338 CODELL, (FR 10/06/97DN) OPER ADD: 1801 BROADWAY STE 500, DENVER, CO. 80202 PHONE (303) 888-4861; EL: 4927 GR; LOCATION DATA: 8 MI W GREELEY, CO; TO BE DIRECTIONALLY DRILLED. PBHL: 742 FT S 11 DEG 40 MIN 0 SEC W; 725

S 150 W: 1200 FSL 1300 FWL NE SW SW 12-5N-67W; CONTR: NABORS DRLG USA, RIG #972; SPUD: 12/05/97 (EST), CSG: RAN PROD CSG; 7338 TD, (TD REACHED: 12/09/97); ... 7338 TD(APPROX), WOCT (LDIR 12/11/97)

PRIMA O&G 13-2A SHUPE API 05-123-19453

API 05-123-19472

(3

13-5N-67W NE NW 1320 FNL 2180 FWL

1925 FSL 1450 FWL

WATTENBERG; PERMIT #97-725; 7404 CODELL, (FR 09/30/97DN) OPER ADD: 1801 BROADWAY STE 500, DENVER, CO, 80202 PHONE (303) 888-4861; EL: 4874 GR; LOCATION DATA: 5 MI N MILLIKEN, CO;

CONTR: NABORS DRIEG USA, RIG #972:SPUD: 11/29/97, 7341 TD, (TD REACHED: 12/04/97); ... 7341 TD, WOCT (LDIR 12/11/97)



898

Arizona Geological Survey 416 W, Congress Suite 100 Tucson, AZ 85701 10/14/1997

ATT. Mr. Larry Fellows

Dear Mr.Fellows

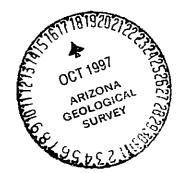
This letter is to request a 6 mo. extension on the confidential status of our wells. We would like to keep all of our well information confidential, if more information is needed please advise.

Sincerely
Thomas White

Production Manager, RAOC

Cc: J.Dale Nations, Oil Gas Conservation Commissioner, and Chairman Marc Steadman, Office of Attorney General Walter Ruck, President of Ridgeway Petroleum Corp.

Fel.10-14-97



P.O. Box 1110 St. Johns, AZ 85936 Tel: 520 337 3230 Fax: 520 587 3522 PETROLEUM INFORMATION/DWIGHTS
DAILY ACTIVITY REPORT
SECTION II - 10/09/97

PAGE 6

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DRILLING ACTIVITY

INITIAL CLASS: WF=NEW FIELD WILDCAT; WD=DEEPER POOL WILDCAT; WS=SHALLOWER POOL WILDCAT; WP=NEW POOL WILDCAT; WO=WILDCAT OUTPOST; D=DEVELOPMENT.

DENOTES NEW INFORMATION ADDED THIS WEEK, LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED.

DENOTES A FINAL STATUS HAS BEEN ADDED TO THE WELL.

ARIZONA

APACHE COUNTY

RIDGEWAY ARIZONA OIL 9-22-29 RIDGEWAY API 02-001-20310 22-9N-29E SW SE 1091 FSL 2674 FWL WILDCAT; PERMIT #898; 2400 FORT APACHE. (FR 03/17/97FM) OPER
ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7191 KB;
LOCATION DATA: 15 MI S UNNAMED FLD(FORT APACHE)CO2 DISC
3-11N-29E 6 MI N SPRINGERVILLE, AZ; TO BE VERTICALLY DRILLED.
WELL ID CHANGES: FTG CHGD FROM 1320 FSL 1320 FWL. SPOT CHGD
FROM C SW. ELEV CHGD FROM 1746 GR.

CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13: SPUD: 03/30/97 DRLG COMMENTS: AZTEC WELL SERVICING #157 COMPLETED. 3180 TD, (TD REACHED: 04/06/97); . . . 3180 TD, SI-WOE (LDIR 10/08/97)

RIDGEWAY ARIZONA OIL 9-21 RIDGEWAY STATE API 02-001-20309 21-9N-31E SW NE 1980 FNL 1980 FEL WILDCAT; PERMIT ≢897; 2300 FORT APACHE, (FR 03/03/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7211 KB; LOCATION DATA: 17 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC NE 3-11N-29E 10 1/2 MI E-NE SPRINGERVILLE, AZ; TO BE VERTICALLY DRILLED.

CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/08/97 CSG; 4 1/2 @ 2680; DST # 1 (GRANITE WASH) 2600, ISIP 680, REC CO2 GTS(AMT NOT RPTD); 2686 TD, (TD REACHED: 03/ 16/97); PROD TEST(S); PERF (GRANITE WASH), F 572 MCFD, 48/64 CK, TP 95, PERF (GRANITE WASH), F 997 MCFD, 48/64 CK, TP 100, ... 2686 TD, SI-WOE (LDIR 10/08/97)

RIDGEWAY ARIZONA OIL 10-26-29 RIDGEWAY STATE API 02-001-20315 26-10N-29E NW SW 2260 FSL 1206 FWL WILDCAT; PERMIT #903; 2300 FORT APACHE, (FR 04/10/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (520) 337-3230; EL: 6946 KB; LOCATION DATA: 10 MI S UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 12 MI NE SPRINGERVILLE, AZ; TO BE VERTICALLY DRILLED.

CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 04/18/97 CSG: 8 5/8 @ 1118; DRLG COMMENTS: AZTEC WELL SERVICING #157 COMPLETED. 2850 TD, (TO REACHED: 04/30/97); ... 2850 TD(APPROX), SI-WOE (LDIR 10/08/97)

RIDGEWAY ARIZONA OIL 10-22 RIDGEWAY STATE API 02-001-20308

22-10N-30E SW SW 660 FSL 660 FWL WILDCAT; PERMIT #896; 2300 FORT APACHE, (FR 02/18/97FM) OPER ADD: 1080-700 4TH AVE SW, CALGARY, AL., T2R -03.4 PHONE (800) 347-0294; EL: 6891 KB; LOCATION DATA: 10 MI S-SE UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 20 MI SE ST JOHNS, AZ; TO BE VERTICALLY DRILLED.

CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/21/97 DST # 1, ISIP 410, (AMOS WASH), REC CO2 GTS; DRLG COMMENTS: AZTEC WELL SERVICING #157 COMPLETED. 2265 TD, (TD REACHED: 03/27/97); ... 2265 TD, SI-WOE (LDIR 10/08/97)

RIDGEWAY ARIZONA OIL 10-16-31 RIDGEWAY API 02-001-20311

16-10N-31E NE SW 1980 FSL 1980 FWL WILDCAT; PERMIT #899; 2400 FORT APACHE, (FR 03/17/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7259 KB; LOCATION DATA: 13 MI SE UNNAMED FLD(FORT APACHE)COZ DISC 2.111.20E 16 MI NE SPRINGERVILLE AZ: TO RE VERTICALLY DRILLED

3-11N-29E 16 MI NE SPRINGERVILLE, AZ; TO BE VERTICALLY DRILLED.

CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 04/08/97 DRLG COMMENTS: LOST CIRC PROBLEMS WHILE DRLG, CO2 GTS @ TD. 2798 TD, (TD REACHED: 04/ 17/97); . . . 2798 TD, WOCT (LDIR 10/08/97)

RIDGEWAY ARIZONA OIL 12-16-28 RIDGEWAY STATE API 02-001-20314

16-12N-28E NW NE 1215 FNL 1991 FEL WILDCAT; PERMIT #902; 2150 FORT APACHE, (FR 04/10/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (520) 337-3230; EL: 6001 KB; LOCATION DATA: 7 1/2 MI W UNNAMED FLD(FORT APACHE)CO2 DISC 15-12N-29E 2 MI SW ST JOHNS, AZ; TO BE VERTICALLY DRILLED.

CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 05/21/97 CSG: RAN PROD CSG; 2274 TD, (TD REACHED: 05/ 25/97); . . . 2274 TD, SI-WOE (LDIR 10/08/97)

MOHAVE COUNTY

PREMCO WESTERN 1-10 MOHAVE COUNTY API 02-015-20029

(; :

10-41N-11W NE SE 2353 FSL 510 FEL IC 20157000195 WILDCAT; 8500 CAMBRIAN. (FR 09/11/95FM) OPER ADD: BOX 496568.
GARLAND, TX, 74049-6568 PHONE (214) 341-7010; EL: 3090 GR; LOCATION DATA: 24 MI S-SW VIRGIN FLD(UTAH/INACHOE) 9 MI SE ST GEORGE, UT; PLAN SPUD NOV-1-1995; TO BE VERTICALLY DRILLED.

CONTR: LAYNE-WESTERN; SPUD: 11/30/95, CSG: 18 @ 80, 10 3/4 @ 240 W/5 CU YD; DRLG COMMENTS: ORIGINALLY DRILLED TO 1000 FT AND SHUT-IN '95-96, HOLE CAVED-IN, DRLG RESUMED FROM 80 FT SEPT '97 DRLG PROBLEMS RIG UNABLE TO RUN 40 FT 8 5/8 CSG LENGTHS AS PLANNED TO 850 FT, HOLE CAVING IN WHILE OPERATIONS SUSPENDED. . . . @ 380, SI (LDIR 10/08/97)

7





Jane Dee Hull Governor

State of Arizona Arizona Geological Survey

416 W. Congress, Suite 100 Tucson, Arizona 85701 (520) 770-3500

Larry D. Fellows Director and State Geologist

October 6, 1997

Mr. Thomas White Production Manager Ridgeway Arizona Oil Corp P.O. Box 1110 St. Johns, Arizona 85936 898

Dear Mr. White:

Our records continue to show that Ridgeway Arizona Oil Corporation remains out of compliance with its obligation to (1) file copies of all gas analyses reported in your letter of September 5, 1997; (2) plug and abandon the Plateau Cattle #1A well; and (3) report complete testing results for all perforated intervals in all wells drilled and perforated in 1997, including the testing reported in News Releases by Ridgeway Petroleum Corporation in April, May, and June 1997.

Please be advised that pursuant to A.R.S. § 27-527(B) each operator is required to file a full, true, and correct record of its operations.

Sincerely,

Steven L. Rauzi

Steven (. Ka

Oil & Gas Program Administrator

Oil and Gas Conservation Commissioners, J. Dale Nations, Chairman
 Larry D. Fellows, Director and State Geologist
 Marc T. Steadman, Office of Attorney General

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September 22, 1997

Mr. Steve Rauzi Arizona Geological Survey 416 W. Congress, su.100 Tucson, Arizona 85701

Dear Mr. Rauzi

Enclosed you will find notices requesting temporary abandonment status for all of our wells.

If there are any questions please advise

Sincerely,

Thomas White

Production Manager R.A.O.C.

cc. Oil and Gas Conservation Commissioners, J. Dale Nations, Chairman Larry D. Fellows, Director and State Geologist

Office of Attorney General

Walter Ruck

Rauzi.9-22-97



P.O. Box 1110 St. Johns, AZ 85936 Tel: 520 337 3230 Fax: 520 587 3522





State of Arizona Arizona Geological Survey

416 W. Congress, Suite 100 Tucson, Arizona 85701 (520) 770-3500

Jane Dee Hull Governor



Larry D. Fellows
Director and State Geologist

September 8, 1997

Mr. Thomas White Production Manager Ridgeway Arizona Oil Corp P.O. Box 1110 St. Johns, Arizona 85936

858

Dear Mr. White:

This will acknowledge your letter of September 5 with a second copy of our Form 18 dated July 25 for the 22-1X (Permit 888) well attached. Please note that Ridgeway Arizona Oil Corporation is required to submit a copy of the gas analyses that you reported were taken at various wells and which were composited and used for the percentages of CO₂, N₂, and Helium that are reported on our Form 18. A copy of the gas analysis we have on file is enclosed. It is this type of substantiating gas analyses that Ridgeway is required to file.

Regarding your letter of September 4, please note that operators are required to (1) explain why temporary abandonment is necessary and (2) file a description of the current mechanical condition of the well including casing and perforation record before this office may consider the request. Our files show that no record has been submitted for the 9-22-29 (Permit 898) well. This office understands that testing and stimulation testing of this well started in April or May. Ridgeway is required to file a full, true, and correct record of its testing operations

Our records show that we have received no response to our letter of August 12, 1997, about the status and your plans for the 11-21 (Permit 895), 12-15-30 (Permit 900), 12-16-28 (Permit 902), 10-26-29 (Permit 903), and 9-22-29 (Permit 898) wells.)

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosure

 Oil and Gas Conservation Commissioners, J. Dale Nations, Chairman Larry D. Fellows, Director and State Geologist
 Marc T. Steadman, Office of Attorney General
 Walter B. Ruck, President, Ridgeway Petroleum Corporation



September 4, 1997

Mr. Steve Rauzi Arizona Geological Survey 416 W. Congress, su.100 Tucson, Arizona 85701

Re: Tempory Abandon Status for wells # , 12-16-28, 10-26-29,9-22-29

Dear Mr. Rauzi

We are requesting Permission to place wells # 12-16-28 (Permit 902), 10-26-29 (Permit 903), 9-22-29 (Permit 898), on temporary abandon status.

Mr Rauzi we would also like to request permission to make phone contact in lue of a written notice 10 days prior to re-entry (R12-7-125.D.). Due to the fact that the majority of our service companies come from out of state.

Sincerely,

Thomas White

Production Manager R.A.O.C.

cc. Oil and Gas Conservation Commissioners, J. Dale Nations, Chairman Larry D. Fellows, Director and State Geologist Office of Attorney General

Walter Ruck

Rauzi.9-4-97

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SEP 1997

SEP 199

file 898

P.O. Box 1110 St. Johns, AZ 85936 Tel: S20 337 3230 Fax: 520 587 3522



State of Arizona

Arizona Geological Survey

416 W. Congress, Suite 100 Tucson, Arizona 85701 (520) 770-3500



Larry D. Fellows
Director and State Geologist

lik 898

Fife Symington Governor

September 2, 1997

Mr. Don Riggs Vice President Ridgeway Arizona Oil Corp P.O. Box 1110 St. Johns, Arizona 85936

Dear Mr. Riggs:

This will acknowledge receipt of our Form 18 dated July 25 reporting the absolute open flow for the 3-1 (Permit 884) and 22-1X (Permit 888) wells. The percentages of carbon dioxide, nitrogen, and helium reported on these forms do not match gas analyses currently on file with this office.

Please note that Ridgeway Arizona Oil Corporation is required to submit the gas analyses substantiating the percentages reported on our Form 18.

Our records show that Ridgeway Arizona Oil Corporation remains out of compliance with its obligation to: (1) file all gas analyses; (2) submit Weekly Progress Reports for each well in its current testing operations; and (3) submit application to plug and abandon or document mechanical integrity of and obtain written permission to temporarily abandon its 12-15-30 (Permit 900), 12-16-28 (Permit 902), 10-26-29 (Permit 903), and 9-22-29 (Permit 898) wells.

Sincerely,

Steven L. Rauzi

Oil & Gas Program Administrator

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Oil and Gas Conservation Commissioners, J. Dale Nations, Chairman Larry D. Fellows, Director and State Geologist Office of Attorney General

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State of Arizona Arizona Geological Survey

416 W. Congress, Suite 100 Tucson, Arizona 85701 (520) 770-3500

Fife Symington Governor

August 29, 1997



Larry D. Fellows Director and State Geologist

Mr. Don Riggs Ridgeway Arizona Oil Corp P.O. Box 1110 St. Johns, Arizona 85936

Dear Mr. Riggs:

This will acknowledge receipt on August 25, 1997, of the following analyses, core chips, and wireline logs.

Analyses by Reservoirs Inc.		Analyses by Baker Oil Tools			Core chips
888 (22-1X) Conventional core 1296-1640'		895 (11-2	1) DST1: 1	1610-1664'	888 (22-1X): 1296-1356*
No sidewall core analyses received 895 (11-21) 15 sidewall cores 1681-2372' No conventional core analyses received 896 (10-22) 22 sidewall cores 1482-2235'			DST2: 1	[665-2410°	No cuttings samples received
		896 (10-2	2) DST1: 1	1428-1450*	
				DST2: 1575-1790° DST3: 2054-2265°	895 (11-21): No cuttings samples received
			DST3: 2		
897 (09-21) Conventional core 1930-2160'		897 (9-21) DST1: I		1860-1964"	
Conventional core 2642-2693'				1963-2160'	
Oct.			DST3:	2590-26941	
Wireline logs by Sc 888 (22-1X)	•		<u>895 (11-21)</u>	Platform Express Porosity-Lithology Platform Express Resistivity Log Platform Express Microlog FMI LQC LOG	
<u>895 (10-22)</u>	Platform Express Porosity-Lis Platform Express Resistivity Platform Express Microlog Natural Gamma Tool		<u>987 (9-21)</u>		ess Porosity-Lithology ess Resistivity Log ess Microlog
898 (09-22-29) Platform Express Porosity-Lithology			899 (10-16-31)	NO LOGS RECEIVED	

Digital Array Sonic Log

Platform Express Resistivity Log Platform Express Microlog

Combinable Magnetic Resonance Tool

900 (12-15-30) Compensated Neutron Log

Platform Express Porosity-Lithology Platform Express Array Induction

902 (12-16-28) Gamma Ray

903 (10-26-29)

Platform Express Microlog Platform Express Porosity-Lithology

Platform Express Resistivity Log Platform Express Microlog

Please note that analyses for the sidewall core on the 22-1X and conventional core on the 11-21, cuttings samples for the 22-1X and 11-21, and wireline logs for the 10-16-31 were not received.

Sincerely,

Oil & Gas Program Administrator

Oil and Gas Conservation Commissioners, J. Dale Nations, Chairman Larry D. Fellows, Director and State Geologist Office of Attorney General



Arizona Geological Survey

416 W. Congress, Suite 100 Tucson, Arizona 85701 (520) 770-3500



Larry D. Fellows
Director and State Geologist

Fife Symington Governor

August 12, 1997

Mr. Don Riggs Vice President Ridgeway Arizona Oil Corp P.O. Box 1110 St. Johns, Arizona 85936

Dear Mr. Riggs:

According to records submitted to this office by Ridgeway Arizona Oil Corporation, drilling operations have been suspended for at least 60 days on Ridgeway's 11-21 (Permit 895), 12-15-30 (Permit 900), 12-16-28 (Permit 902), and 10-26-29 (Permit 903) wells. No record has been submitted for the 9-22-29 (Permit 898) well.

Please be advised that when drilling, injection, or production operations have been suspended for 60 days, rules require a well to be plugged and abandoned unless the operator documents the mechanical condition and integrity of the wells and obtains written permission for temporary abandonment from the Oil and Gas Conservation Commission.

As a result, Ridgeway Arizona Oil Corporation is now required to (1) advise this office in writing when and how you plan to plug these wells or (2) provide a written explanation why the Commission should grant temporary abandonment status to the wells.

If any of these wells have been perforated, tested, or stimulation tested, please submit an explanation in writing why this has not been reported to this office as required by State law.

Sincerely,

Steven L. Rauzi

Oil & Gas Program Administrator

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J. Dale Nations, Chairman, Oil and Gas Conservation Commission
 Larry D. Fellows, Director and State Geologist
 Office of Attorney General

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8-5-97 Don Riggs calls.

Regarding my letter of July 28 - What logs do we need?

I advise all logs on all wells. I have 11-21x & 10-22

I recall he gave me 10-22 logs @ ASLD onto on 4-1-97.

These were the last logs we received.

He advised we are on Schlumberger's distribution list.

Schlumberger informed him all logs were sent to me.

I advised none have been received.

He said they are floating around somewhere in the mail.

He will have them send again by special courier & have someone sign.

I advise that's fine.

898



Governor

State of Arizona Arizona Geological Survey

416 W. Congress, Suite 100 Tucson, Arizona 85701 (520) 770-3500



Larry D. Fellows Director and State Geologist

August 4, 1997

Mr. Don Riggs Vice President Ridgeway Arizona Oil Corp P.O. Box 1110 St. Johns, Arizona 85936

Dear Mr. Riggs:

Thank you for sending the Sundry Notices of July 28 reporting the spud date, total depth date, and total depth for some of your wells. These reports, however, do not provide the drilling record required by this office.

Please be advised that this office requires a drilling record that clearly states the pertinent details and dates of all operations that ultimately affect the well, conservation of resources, public health and safety, and the environment. This would include at a minimum a record of (1) daily footage with brief description of daily activity, i.e. drilling, running casing, testing, logging, etc.; (2) individual intervals of lost circulation or uncontrolled flows; (3) amount and type of any lost circulation material or diesel fuel added to the mud; (4) number of cored intervals including recovery and brief description of each individual core; (5) number of DST's including a description of pressures and recoveries of each individual DST interval; and (6) wireline logs and sidewall cores run.

Some of the Sundry Notices you sent reported perforated intervals but did not report initial pressure and flow results. Please be advised that this office requires the Sundry Notice to clearly state all pertinent details including date each individual interval was perforated and pressure and flow results before and after stimulation.

Please note that the drilling record for the 11 wells drilled by Ridgeway in 1997 are past due.

Sincerely,

Steven L. Rauzi Oil & Gas Program Administrator

Oil and Gas Commissioners; Larry D. Fellows Office of Attorney General

RIDGEWAY AZ OIL CORP.

July 28, 1997

Arizona Geological Survey 416 W. Congress Suite 100 Tucson, AZ 85701

Attn: Mr. Steve Rauzi

RE: Sundry Notices/Reports

Dear Mr. Rauzi:

Enclosed please find the Sundry Notices and Reports on Wells, for Ridgeway AZ Oil Corp. for wells State 22-1X, State 11-21, State 10-22, State 9-21, State 10-16-31, State 12-15-30, State 12-16-28, and State 10-26-29.

If you have any questions regarding this matter, please advise.

Carmen Tanner Office Manager

CT:ct

Enclosures

Rauzi.7-28-97

Missin: Sundry Notice for:

13-36-29 (901) - May 21 PR rpts stim +test 5 zows 2 over 15 days. Free tanks on loc 5/31

15-28-29 (904)



P. O. BOX 1110, 590 S. WHITE MTN. DR. . ST. JOHNS, AZ . 85936-1110 PHONE: 520-337-3239 • FAX: 520-337-3162





State of Arizona Arizona Geological Survey

416 W. Congress, Suite 100 Tucson, Arizona 85701

July 28, 1997

(520) 770-3500

Larry D. Fellows Director and State Geologist

Mr. Don Riggs Vice President Ridgeway Arizona Oil Corp P.O. Box 1110 St. Johns, Arizona 85936

Dear Mr. Riggs:

In response to your phone call about expired permits 890, 891, 892, and 893, please be advised that extensions may be considered after we receive your request certifying in writing that the wells will be drilled in accordance with the drilling prognosis and all conditions and notification requirements of the original permits.

Our records show that Ridgeway Arizona Oil Corporation remains out of compliance with Commission rules in several areas. Ridgeway is not in compliance with its obligation to: (1) plug the 22-1 State (885) and Plateau Cattle 1A (883) wells; (2) post identifying signs at each well; (3) file samples on the 22-1X (888) and 11-21 (895) wells; (4) file logs, tests, core chips, and analyses; (5) report the stimulation of any well within 15 days of the stimulation; and (6) submit sundry reports detailing operations from spud date to current status for each of the 11 wells drilled by Ridgeway in 1997.

Sincerely,

Steven L. Rauzi

Oil & Gas Program Administrator

Leven C. Pain

Oil and Gas Commissioners; Larry D. Fellows C Office of Attorney General





Arizona Geological Survey

416 W. Congress, Suite 100 Tucson, Arizona 85701 (520) 770-3500



Larry D. Fellows Director and State Geologist

July 16, 1997

Mr. Don Riggs Vice President Ridgeway Arizona Oil Corp P.O. Box 1110 St. Johns, Arizona 85936

898

Dear Mr. Riggs:

As we previously discussed, rules of the Arizona Oil and Gas Conservation Commission require operators (1) to conduct a test to determine the reservoir pressure on the discovery well of any new pool and (2) to determine the open flow capacity of each new producing gas well. The open flow capacity is to be submitted on our Form 18, Multipoint and One Point Back Pressure Test for Gas Well, several copies of which are enclosed for your convenience. These reports are now due for the Plateau Cattle 1 (880), 3-1 (884), and 22-1X (888) wells.

Our records show that Ridgeway Arizona Oil Corporation remains out of compliance with Commission rules in several areas. Ridgeway is not in compliance with its obligation to: (1) plug the 22-1 State (885); (2) post identifying signs at each well; (3) file samples on the 22-1X (888) and 11-21 (895) wells; (4) file logs, tests, and analyses; (5) report the stimulation of any well within 15 days of the stimulation; and (6) submit sundry reports detailing operations from spud date to current status for each of the 11 wells drilled by Ridgeway in 1997.

Note that the temporary abandonment status for the 1A Plateau Cattle (883) has expired. As a result, advise this office as soon as possible when and how you plan to plug it.

Sincerely,

Steven L. Rauzi

Oil & Gas Program Administrator

Steven L. Paris

Enclosures

c Oil and Gas Commissioners; Larry D. Fellows
Office of Attorney General

n



Arizona Geological Survey

416 W. Congress, Suite 100 Tucson, Arizona 85701 (520) 770-3500



Larry D. Fellows
Director and State Geologist

June 27, 1997

Mr. Don Riggs Vice President Ridgeway Arizona Oil Corp P.O. Box 1110 St. Johns, Arizona 85936

Re: Ridgeway 9-22-29 State, Permit 898

Dear Mr. Riggs:

I visited the referenced well on May 29 and noted a couple of frac-tanks, a sand truck, and a portable tester. Was this well stimulated?

I would remind you that A.A.C. R12-7-117 requires "the operator to report the artificial stimulation of any well to the Commission in writing within 15 days of the stimulation showing the type of stimulation, the amounts and types of material used, and the pressures applied."

Sincerely,

Steven L. Rauzi

Oil & Gas Program Administrator

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" K-09B 4-11N-14E UM, Pr NW cor 2113'S 493'E(Surface) 5-11N-14E UM. Pr NE cor 4030'S 2287'W (BHL) 5-11N-14E UM, Fr SE cor 490'N 2790'W(est.BHL-RD) 5-11N-14E UM.Fr SE cor 3587'N 3831'W(est.BHL-RD2) 20c.110 13-3/8c.2675 9-5/8W.7594 50-029-21736-02 (Doyon Drlg #9) Rsm-2pm, 11/25/94 Rig rel-12/13/94 (Nabors Drlg #18E) S-8/24/87 Rig rel-9/9/87 Rsm-05/10/97 (Doyon Drlg #16) Directional 11220 Deepened from 10037. Perforating. Map:AL-4

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" M-05AL1 1-11N-12E UM, Fr NE cor 3078'S 605'W (Surface) 12-11N-12E UM, Pr NB cor 2914'S 345'W(BHL) 11-11N-12E UM, Pr SE cor 3426'N 4067'W(est.BHL-RD) 11-11N-12E UM, Fr SE cor 3426'N 4067'W(est.BHL-RD-lateral) 50-029-20194-61 20c.100 13-3/8c.2695 9-5/8W.???? Directional (Nabors Drlg #18E) 5-2/12/76 Comp-4/18/76 Rsm-05/11/97(Nabors Drlg #288) Map:AL-4 12701 Pgl1680 Resumed 5/11/97 for redrill #1.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" P-21B 31-11N-13E UM, Fr SW cor 2260'N 2019'E(Surface) 12-10N-12E UM, Pr NE cor 2319'S 3505'W(BHL) 12-10N-12E UM, Fr NE cor 2897'S 3245'W(BHL-RD) 36-11N-12E UM, Fr SE cor 2882'N 4497'W(est.BHL-RD2) 20c.110 10-3/4c.2997 7-5/8W.???? 50-029-22148-02 (Alaska United #2)S-9:45am,3/20/91 Rig rel-4/18/91 (Nabors Drlg #18E) Rsm-4/22/96 Rig rel-5/4/96 (Doyon Drlg #9) Directional Map:AL-4 15460 RD13671 Redrilled to 13671'. Preparing to run 3-1/2" cag.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" S-43L1 35-12N-12E UM, Fr SE cor 4211'N 4503'W(Surface) 26-12N-12E UM, Fr SE cor 2858'N 229'W(est.BHL) 26-12N-12E UM, Pr SE cor 2858'N 229'W(est.BHL-L1) 50-029-22754 S-05/05/97 (Nabors Drlg #18E) Directional Map:AL-4 ???? Drilling, no details.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" Y-01A 34-11N-13E UM, Pr NE cor 1205'S 4516'W (Surface) 27-11N-13E UM, Fr SE cor 531'N 2035'W(BHL) 22-11N-13E UM, Fr SE cor 204'N 1373'W(BHL-RD) 13-3/8c.2690 9-5/8W.???? ?c.????? 50-029-20394-01 (Rowan Drlg Co #26) S-10/22/79 Rig rel-12/9/79 Ram-12/29/96 (Doyon Drlg #16) Directional 13246 TVD9172 Recompleted oil well 2/12/97. Map:AL-4 Status:OIL-02/12/97

OTHER WESTERN STATES ST JOHNS

(5

STATE OF ARIZONA APACHE COUNTY

*Ridgeway Arizona Oil Corp "State" 09-22-29 Map:AZ 22-9N-29E,Fr SW cor 1091'N 2674'E 02-001-20310 8-5/8c.1135 4-1/2c.3180 State Lease 13-101-536 S-9:30pm-03/30/97(Aztec Well Service) (NPW) elev:7178'GR 2400'-est.td 3180 Stimulating and production testing. Will frac and test 5 zones over 15 day period.

*Ridgeway Arizona Oil Corp "State" 12-16-28 Map:AZ 16-12N-28E, Pr NE cor 1215'S 1991'W 02-001-20314

8-5/8c.700aprx 4-1/2c.2175aprx elev:5988'GR (NPW) State Lease #13-101-344 (Aztec Well Service) 2150'-est.td

2175aprx TD. Drilled. Ran 4-1/2" cag to bottom. Released rig 5/27/97.

Munger Oilogram, Page 9 May 29, 1997

STATE OF NEVADA CHURCHILL COUNTY

DIXIE VALLEY Oxbow Geothermal Corp. *33* 37-33 27-001-90240 33-25N-37E, SB-1/4 SW-1/4 Map:NV 20c.1350 S-05/01/97 (VECO Drlg Co #10) 5660 Drilling.

LINCOLN COUNTY HYDE WASH *Falcon Energy LLC/Kriac Energy Inc. "Hamlin Wash" 10-1 18-8N-70E,Fr SB cor 1150'N 599'W 27-017-05225 S-05/19/97 (Sierra Drlg #3) elev:5712 GR Map:NV (Federal Lease N-51722) 4200'-est.td (NFW)

???? Drilling, "no dope" hole.

MYE COUNTY Eagle Springs Prod LLC "Ghost Ranch Federal" 47-35

35-9N-57E,Fr SW cor 1052'N 2340'E 27-023-05552 7c.4696 S-03/09/97(Caza Drlg #63) elev:4746'GR (Pederal Lease N-42341) 5000'-est.td Map:NV 4696 Released Colorado Well Service rig.

**Makoil, Inc. "Ghost Ranch" 2-21X 27-023-05553 2-8N-57E, Fr 'NW cor 430'S 2310'E elev:4742'GR (Federal Lease N-42341) 5000'-est.td Map:NV Permit #800 approved 5/12/97. (EXT)

LATEROF MELLS

GHOST RANCH

*Westek Resources, Inc. *Wheeling" 1 Map:NV (NFW) 13-16S-51B,Fr NE cor 2100'S 950'W (Federal Lease N-61369) Filed notice of staking.

SANS SPRING

Big West Oil & Gas, Inc. "Sans Spring" 5-14A Map:NV 14-7N-56E, Pr NW cor 1700'S 450'E 27-023-05546 S-04/02/97(Caza Drlg 63) (Federal Lease N-47646) elev:4708'GR 5636'-est.td ???? Moved in completion rig from Utah. Completed, no details.

*Trio Petroleum, Inc. "Federal" 16X-20 27-023-05554 20-7N-57E,Fr SW cor 1700'N 300'E elev:4713'GR S-05/21/97(Caza Drlg #63) (Pederal Lease N-55475) 5500'-est.td Map:NV (NPW) ???? Drilling, "no dope" hole.

PERSHING COUNTY KYLE SPRING *Bvans-Barton, Ltd *Kyle Spring* 11-14 27-027-05005 11-29N-36E, Pr SW cor 1033'N 769'E elev:4786.54'GR 4-1/2c.2500 S-11/06/96 (Humboldt Drlg) Map:NV Federal lease N-58388 2500'-est.td (NFW) 2622 Moving in completion rig this weekend.

WASHOE COUNTY COUNTY San Emidio Resources, Inc. "16" 76-16 27-031-90191 16-29N-23E,Fr SE cor aprx.1650'N 990'W Map:NV S-05/05/97 (Buckland Drlg "SER" #1) 1600 Drilling.

> STATE OF OREGON COLUMBIA COUNTY

MIST Enerfin Resources Northwest "CC" 32-27-65 27-6N-5W, Fr NE cor 1472'S 2422'W 36-009-00322 7c.493 S-09/14/96(Taylor Drlg Co #7) elev:860'KB 2010 Clark/Wilson-est.td Map:OR 2084 Temporarily abandoned 9/20/96.

PETROLEUM INFORMATION/DWIGHTS DAILY ACTIVITY REPORT SECTION II - 05/21/97

PAGE 9

WF

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DRILLING ACTIVITY

INITIAL CLASS: WF = NEW FIELD WILDCAT; WD = DEEPER POOL WILDCAT; WS = SHALLOWER POOL WILDCAT; WP = NEW POOL WILDCAT; WO = WILDCAT OUTPOST: D = DEVELOPMENT.

DENOTES NEW INFORMATION ADOED THIS WEEK LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED.

DENOTES A FINAL STATUS HAS BEEN ADDED TO THE WELL

ARIZONA

APACHE COUNTY

RIDGEWAY ARIZONA OIL 9-22-29 RIDGEWAY API 02-001-20310

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and and and

22-9N-29E SW SE 1091 FSL 2674 FWL

WILDCAT; PERMIT #898; 2400 FORT APACHE, (FR 03/17/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ. 85936 PHONE (800) 347-0294; EL: 7191 KB; LOCATION DATA: 15 MI S UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 6 MI N SPRINGERVILLE, AZ; TO BE VERTICALLY DRILLED. WELL ID CHANGES: FTG CHGD FROM 1320 FSL 1320 FWL SPOT CHGD FROM C SW. ELEV CHGD FROM 1746 GR.

CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/30/97 DRLG COMMENTS: AZTEC WELL SERVICING #157 COMPLETED, 3180 TD. (TD REACHED: 04/ 06/97); ... 3180 TD, TSTG (LDIR 05/20/97) WF

RIDGEWAY ARIZONA OIL 12-16-28 RIDGEWAY STATE API 02-001-20314

16-12N-28E NW NE 1215 FNL 1991 FEL WILDCAT; PERMIT #902; 2150 FORT APACHE, (FR 04/10/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (520) 337-3230; EL: 6001 KB; LOCATION DATA: 7 1/2 MI W UNNAMED FLD(FORT APACHE)CO2 DISC 15-12N-29E 2 MI SW ST JOHNS, AZ; TO BE VERTICALLY DRILLED.

CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; MIRT; (LDIR 05/20/97)

COLORADO

GARFIELD COUNTY

BARRETT RESOURCES RMV 201-20 CLOUGH FEDERAL SW NE API 05-045-07122

20-6S-94W 1386 FNL 2274 FEL

RULISON; PERMIT #96-872; 7616 WILLIAMS FORK, PROJ TVD: 7545. (FR 12/09/96DN) OPER ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER, CO. 80202 PHONE (303) 606-4071; EL: 5481 GR; LOCATION DATA: 7 MI W-SW RIFLE, CO; TO BE DIRECTIONALLY DRILLED. PBHL: 632 FT:622 N 114 E: 764 FNL 2160 FEL SW NW NE 20-6S-94W;

CONTR: NABORS DRLG USA, RIG #457; SPUD: 04/22/97, CSG: 9 5/8 @ 899 W/550 SX, 4 1/2 @ 7617 W/900 SX, COND @ 43; 7623 TD, (TD REACHED: 05/ 15/97); ... 7623 TD, WOCT (LDIR 05/20/97) D

BARRETT RESOURCES GM 13-34 UNOCAL

BARRETT RESOURCES

RU 22-7 YOUBERG

API 05-045-07080

34-6S-96W NW SW 2082 FSL 895 FWL GRAND VALLEY; PERMIT #96-904; 6470 WILLIAMS FORK, (FR 12/13/96DN) OPER ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER, CO. 80202 PHONE (303) 572-3900; EL: 5385 GR; LOCATION DATA: 3 MI NW PARACHUTE, CO; TO BE VERTICALLY DRILLED.

API 05-045-07133 CONTR: NABORS DRLG USA, RIG #414; SPUD: 05/17/97, CSG: 9 5/8 @ 322 W/250 SX; ... DRLG 2750 (LDIR 05/20/97)

RULISON; PERMIT #96-517; 8850 WILLIAMS FORK, (FR 07/05/96DN) OPER ADD: 1515 ARAPAHOE ST, TWR 3 STE 1000, DENVER, CO, 80202 PHONE (303) 572-3900; EL: 7339 GR; LOCATION DATA: 5 1/2 MI S-SW RIFLE. CO; TO BE VERTICALLY DRILLED.

CONTR: NABORS DRLG USA, RIG #457; P/SPUD; (LDIR 05/20/97)

2-13 HUGGARD API 05-045-07170 NW NE 808 FNL 2212 FEL

2025 FNL 1900 FWL

RULISON; PERMIT #97-244; 7500 WILLIAMS FORK, (FR 04/08/970N) OPER 980-8050; EL: 5875 GR; LOCATION DATA: 5 MI SW RIFLE, CO; TO BE ADD: 141 UNION BLVD STE 400, L VERTICALLY DRILLED.

CONTR: CAZA DRLG, RIG #16;SPUD: 05/01/97, ... DRLG 7188 (LDIR 05/20/97)

7-7S-93W

SE NW

BARRETT RESOURCES GM 22-1 UNOCAL API 05-045-07147

1-7S-96W SE NW 1880 FNL 2175 FWL GRAND VALLEY; PERMIT #97-76; 6650 WILLIAMS FORK, (FR 02/04/97DN) OPER ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER, CO, 80202 PHONE (303) 572-3900; EL: 5468 GR; LOCATION DATA: 1 MI N PARACHUTE, CO; TO BE VERTICALLY DRILLED.

CONTR: NABORS DRLG USA, RIG #414; SPUD: 04/27/97, CSG: 9 5/8 @ 321 W/275 SX, 4 1/2 @ 6727 W/1200 SX; 6735 TD, (TD REACHED: 05/ 13/97); . . . 6735 TD, WOCT (LDIR 05/20/97)

LA PLATA COUNTY

SG INTERESTS I **4E SOUTHERN UTE** API 05-067-08083

(,)

15-32N-7W NE NE 1118 FNL 1066 FEL

IGNACIO-BLANCO; PERMIT #97-178; 7880 DAKOTA, (FR 03/10/97FM) OPER ADD: BOX 2677, DURANGO, CO, 81302 PHONE (970) 259-2701; EL: 6270 KB: LOCATION DATA: 6 1/2 MI S-SE IGNACIO, CO, TO BE VERTICALLY DRILLED.

CONTR: FOUR CORNERS DRLG, RIG #4 RIG SUB:12; SPUD: 05/19/97 . . . @ 317, WOC (LDIR 05/20/97)

May 21, 1997

12

RIDGEWAY PETROLEUM CORP.

1080,700 - 4th AVENUE S.W., CALGARY, ALBERTA T2P 3J4 TELEPHONE: (403)266-6362 FAX: (403)262-5294 EMAIL: ridgeway@mail.cypronet.com

12-15-30 (900) "Arizona Project"

The Company reports that the seventh well in the ten well delineation drilling program has been successfully air drilled to a total depth of 2603 feet, production casing has been set and cemented.

The eighth well, located on the north end of the field has been drilled and abandoned as a dry hole, the well was 440 feet low to the discovery well located 5 miles south and has defined the north end of the structure.

The fifth well is currently undergoing stimulation and production testing. Five reservoirs totaling 565 feet of porosity are being treated with a time frame of 15 days expected to complete the fracturing and testing. The lowest of the reservoirs is presently recovering stimulation fluids and CO₂ gas.

Ridgeway Petroleum Corp. is cycling completions in 3 well groups so that all equipment ca experience total use time.

For more information, please call Don Currie toll free at 1.888.990.3551

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Ridgeway expands drilling to 12 wells



Photo by Art Harrington

Ridgeway Petroleum president Walter B. Ruck, (rt.) has announced the company will drill 12, instead of 10, delineation wells. Don Riggs, manager of Ridgeway Arizona, is also pictured.

ST. JOHNS - Walter B. Ruck, president of Ridgeway Petroleum, announced Thursday in St. Johns that the Calgary-based company's 10-well delineation drilling program has been expanded to 12 wells. The company's president and chairman of the board was in Arizona to meet with staff and to personally check on the progress being made in defining the company's highly-successful CO2 discovery in southern Apache County.

"Every CO2 field has been discovered by accident," he said. "We initially came here searching for oil." The tip-off for Ridgeway had been the published results of the geothermal drilling done several years ago at Alpine, which had been funded by the United States Department of Energy. While Ruck still believes oil may be found in the area, the company's initial drilling discovered a vast reservoir of carbon dioxide gas instead. Ruck explained that it seems to be found where there has been contact between volcanic deposits and wet limestone. "The fields are typically very large when you find them," he said. "But you may drill hundreds of wells searching for the gas and never find it." So far the gas has been found in every well Ridgeway has drilled here.

California petroleum and food industries all need CO2 badly, Ruck explained, since no natural reservoirs of it have ever been discovered there. The demand is such that there appears to be substantial interest in constructing a pipeline which would likely carry the liquefied and pressurized gas from southern Apache County to Bakersfield, Cal. Ruck estimates it would cost

between \$200-250 million to build such a pipeline.

The Arizona Oil and Gas Commission has decided to hold its annual meeting on June 13 in St. Johns at Ridgeway's offices. According to Ruck, the meeting is kind of snowballing. At least four pipeline companies have notified him they plan to come, along with representatives of a number of major oil companies. Ruck expects some important decisions about the future of Ridgeway's project may be made at that time.

Ruck cautioned, "We're not a panacea for the area." He noted that the local unemployment rate will not be reduced much by the CO2 development, since most of the work is so specialized it requires bringing in highly-trained and experienced personnel. On the other hand, he admitted, he believes the development will ultimately be good for the area. It is already infusing money into the local economy. The company now has a large drilling rig and a service rig, or completion unit, in addition to all of the other well services which have come in to assist in the exploration. "It is also an environmentally clean industry, when compared to other oil and gas exploration," he said.

What about the helium content? According to Ruck, it has been significant, testing between .65 and .70 percent. By comparison, he said, most of the helium being commercially extracted tests at less that .30 percent. Consequently, the construction of a helium extraction plant is still a possibility, he said, "But it would be expensive --- probably \$35-40 million." Interestingly enough, the United States produces 9. percent of the world's helium.

The president said the company will be going to faster air drilling for the remainder of the planned wells. He said the down side is that it is impossible to core or to get the quality of samples which can be obtained by mud drilling. "We did enough coring and drill-stem testing on the first wells, though, that we can stand the air drilling on the remaining wells," he said.

The wells drilled thus far have ranged from 1,800 to 3,150 feet. "As we go further north," Ruck said, "the wells may go down to 4,500." The required depth can vary as much as 450 feet, due to surface elevation differences. All of the wells are now being taken down to the granite.

PETROLEUM INFORMATION/DWIGHTS DAILY ACTIVITY REPORT **SECTION II - 05/14/97**

PAGE 9

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DRILLING ACTIVITY INITIAL CLASS: WF = NEW FIELD WILDCAT; WD = DEEPER POOL WILDCAT; WS = SHALLOWER POOL WILDCAT; WP = NEW POOL WILDCAT; WO = WILDCAT OUTPOST; D=DEVELOPMENT. DENOTES NEW INFORMATION ADDED THIS WEEK LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED.

DENOTES A FINAL STATUS HAS BEEN ADDED TO THE WELL.

ARIZONA

APACHE COUNTY

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CONTRACT.

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RIDGEWAY ARIZONA OIL 9-22-29 RIDGEWAY API 02-001-20310

22-9N-29E SW SE 1091 FSL 2674 FWL WILDCAT; PERMIT #898; 2400 FORT APACHE, (FR 03/17/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85935 PHONE (800) 347-0294; EL: 7191 KB; LOCATION DATA: 15 MI S UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 6 MI N SPRINGERVILLE, AZ; TO BE VERTICALLY DRILLED. WELL ID CHANGES: FTG CHGD FROM 1320 FSL 1320 FWL SPOT CHGD

FROM C SW. ELEV CHGD FROM 1748 GR. CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/30/97 DRLG COMMENTS: AZTEC WELL SERVICING #157 COMPLETED. 3180 TD, (TD REACHED: 04/ 06/97); ... 3180 TD, PERFING (LDIR 05/13/97)

RIDGEWAY ARIZONA OIL 10-26-29 RIDGEWAY STATE API 02-001-20315

26-10N-29E NW SW 2260 FSL 1206 FWL WILDCAT; PERMIT #903; 2300 FORT APACHE, (FR 04/10/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (520) 337-3230; EL: 6945 KB; LOCATION DATA: 10 MI S UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 12 MI NE SPRINGERVILLE, AZ; TO BE VERTICALLY DRILLED.

CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 04/18/97 CSG: 8 5/8 @ 1118; DRLG COMMENTS: AZTEC WELL SERVICING #157 COMPLETED. 2850 TD, (TD REACHED: 04/30/97); ... 2850 TD(APPROX), TSTG (LDIR 05/13/97) WF

RIDGEWAY ARIZONA OIL 10-22 RIDGEWAY STATE API 02-001-20308

22-10N-30E SW SW 660 FSL 660 FWL

WILDCAT; PERMIT ≠896; 2300 FORT APACHE, (FR 02/18/97FM) OPER ADD: 1080-700 4TH AVE SW, CALGARY, AL, T2R -03,14 PHONE (800) 347-0294; EL: 6891 KB; LOCATION DATA: 10 MI S-SE UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 20 MI SE ST JOHNS, AZ; TO BE VERTICALLY

DRILLED. CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/21/97 DST # 1, ISP 410, (AMOS WASH), REC CO2 GTS; DRLG COMMENTS: AZTEC WELL SERVICING # 157 COMPLETED. 2265 TD, (TD REACHED: 03/ 27/97); ... 2265 TD, TSTG (LDR 05/13/97)

RIDGEWAY ARIZONA OIL 10-16-31 RIDGEWAY API 02-001-20311

16-10N-31E NE SW 1980 FSL 1980 FWL WILDCAT; PERMIT #899; 2400 FORT APACHE, (FR 03/17/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7259 KB; LOCATION DATA: 13 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 16 MI NE SPRINGERVILLE, AZ; TO BE VERTICALLY DRILLED.

CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 04/08/97 DRLG COMMENTS: LOST CIRC PROBLEMS WHILE DRLG, CO2 GTS @ TD. 2798 TD, (TD REACHED: 04/ 17/97); . . . 2798 TD, WOCT (LDIR 05/13/97)

RIDGEWAY ARIZONA OIL 12-15-30 RIDGEWAY API 02-001-20312

15-12N-30E NE SW 1980 FSL 1980 FWL WILDCAT; PERMIT #900; 2400 FORT APACHE, (FR 03/17/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 6725 KB; LOCATION DATA: 5 MI E UNNAMED FLD(FORT APACHE)CO2 GAS DISC 15-12N-29E 10 1/2 MI E-SE ST JOHNS, AZ: TO BE VERTICALLY DRILLED.

CONTR: AZTEC WELL SAVCG, RIG #124 RIG SUB:13; SPUD: 05/07/87 CSG: 4 1/2 @ 2595; 2595 TD, (TD REACHED: 05/ 12/97); ... 2595 TD, WDC (LDIR 05/13/97)

COLORADO

GARFIELD COUNTY

BARRETT RESOURCES RMV 201-20 CLOUGH FEDERAL API 05-045-07122

20-6S-94W SW NE 1386 FNL 2274 FEL RULISON; PERMIT #96-872; 7616 WILLIAMS FORK, PROJ TVD: 7545, (FR 12/09/96DN) OPER ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER. CO. 80202 PHONE (303) 606-4071; EL: 5481 GR; LOCATION DATA: 7 MI W-SW RIFLE, CO: TO BE DIRECTIONALLY DRILLED. PBHL: 632 FT:622 N 114 E; 764 FNL 2180 FEL SW NW NE 20-6S-94W;

CONTR: NABORS DRLG USA, RIG #457;SPUD: 04/22/97, CSG: 9 5/8 @ 899 W/550 SX, COND @ 43; ... DRLG 7128 (LDIR 05/13/97) GRAND VALLEY; PERMIT #97-78; 6650 WILLIAMS FORK, (FR 02/04/97DN) D 1-7S-96W **BARRETT RESOURCES** OPER ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER, CO, 80202 GM 22-1 UNOCAL SE NW PHONE (303) 572-3900; EL: 5488 GR; LOCATION DATA: 1 MI N 1880 FNL 2175 FWL

API 05-045-07147 CONTR: NABORS DRLG USA, RIG #414; SPUD: 04/27/97, CSG: 9 5/8 @ 321 W/275 SX: ... DRLG 6510 (LDIR 05/13/97)

BARRETT RESOURCES 4-75-96W NW NE GM 201-4 FEDERAL 466 FNL 2236 FEL GRAND VALLEY; PERMIT #98-885; 8582 WILLIAMS FORK. (FR 12/05/96DN) OPER ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER, CO. 80202 PHONE (303) 606-4071; EL: 5668 GR; LOCATION DATA: 3 1/2 MI W-NW

PARACHUTE, CO: TO BE VERTICALLY DRILLED.

API 05-045-07119 PARACHUTE, CO; TO BE VERTICALLY DRILLED. CONTR: NABORS DRLG USA, RIG #488; SPUD: 04/19/97, CSG: 9 5/8 @ 321 W/175 SX, 4 1/2 @ 6544 W/1025 SX; 6552 TD, (TD REACHED: 05/ 08/97); . .. 6552 TD, WOCT (LDIR 05/13/97)

BARRETT RESOURCES GM 42-4 FEDERAL API 05-045-07131

4-7S-96W SE NE 2026 FNL 526 FEL GRAND VALLEY; PERMIT #96-902; 6800 WILLIAMS FORK, (FR 12/13/96DN) OPER ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER, CO, 80202 PHONE (303) 572-3900; EL: 5755 GR; LOCATION DATA: 3 MI W-NW PARACHUTE, CO. TO BE VERTICALLY DRILLED.

CONTR: NABORS DRLG USA, RIG #488; SPUD: 05/10/97, CSG: 9 5/8 @ 322 W/175 SX; ... DRLG 1880 (LDIR 05/13/97)

Volume 5, Issue 19

Stock soars on drilling discoveries

Art Harrington The Observer

APACHE COUNTY -Southern Apache County is making international news with the discovery of its vast CO2 resources. Consequently the stock of developer Ridgeway Petroleum Corporation continues to climb.

Drilling by Aztec Well Service, contracted by Ridgeway, began on February 12 to prove up the carbon dioxide gas reserves which had been estimated at fourto-five trillion cubic feet. The huge rigs have lost no time in completing seven wells and are now working on the eighth.

According to information The Observer has been able to discover, the company has hit CO2 in each of the wells drilled. This would seemingly indicate widespread deposits, since drilling thus far has been reported in areas from north of St. Johns to just northeast of Springerville.

The discovery has not escaped the attention of the stock market. Ridgeway Petroleum stock (symbol RGW) has moved this year from a low of \$.92 per share to a high of \$7.35 (Canadian). On Friday it closed at \$5.55, having traded as high as \$5.75 that day.

On Monday trading of the stock on the Vancouver exchange was temporarily halted. It was resumed after the company announced a blowout on the #6 well had been contained. With that being an indicator of an even greater reservoir, the stock closed on Monday at \$6.00.

Ridgeway was incorporated February 22, 1980 as Brent West Minerals. It continued doing business under that name until February 26, 1990, when it became Ridgeway Petroleum Corp. Its

Drilling in southern Apache County has revealed immense deposits of CO2. Ridgeway Petroleum, the developer, has realized spectacular increases in its stock since the news of the discoveries has reached investors. The rig pictured above costs over \$1 million dollars. It has a crew of eight which man it with 12-hour shifts, so the rig can keep drilling 24-hours a day.

home office is in Calgary, Alberta, dustries. Canada. The primary business of the company is the extraction of oil and gas, with a secondary interest in diamonds. As of May 2, 11,061,829 of its authorized 25,000,000 shares had been issued. The volume traded on that day was

Ridgeway President Walter Ruck also announced on May 2 that a 4,800,000 special warrant brokered private placement through Yorkton Securities had closed. Gross proceeds of \$16,800,000 were received, of which approximately \$10 million was being held in escrow, pending the advancement of the company's previously announced transaction involving Arizona Resources In-

Is there a market for such CO. resources? Without a doubt. The largest consumer of CO2 is the petroleum industry, which uses the gas to help force otherwise unretrievable oil deposits into collectable pools. The Permian Basin in west Texas and eastern New Mexico, for example, uses in excess of 1.4 billion cubic feet per day in its oil recovery operations. The hundreds of other uses for CO2 include a diversity ranging from food processing, carbonation of beverages and water purification, to flash freezing.

How would the product be moved? According to information The Observer has been able to glean, resources of two trillion cubic feet would justify the construc-

tion of a pipeline to oilfields in California or Texas. The company has apparently proven with is wells drilled thus far that more than adequate reserves exist to begin plan-

ning for a pipeline. Our information also indicates that a number of major players in the industry are actively involved in bidding on the gas. Names such as Chevron and Cal Resources continue to surface.

Also previously reported has been the discovery of helium, along with the CO2. While the quantity of helium has yet to be determined, The understands Observer Ridgeway is also evaluating the possibility of building a helium extraction plant in southern Apache County.



PETROLEUM INFORMATION/DWIGHTS DAILY ACTIVITY REPORT **SECTION II - 05/07/97**

PAGE 9

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WF

WF

DRILLING ACTIVITY

INITIAL CLASS: WF = NEW FIELD WILDCAT; WD = DEEPER POOL WILDCAT; WS = SHALLOWER POOL WILDCAT; WP = NEW POOL WILDCAT; WO = WILDCAT OUTPOST; D=DEVELOPMENT.

DENOTES NEW INFORMATION ADDED THIS WEEK, LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED.

DENOTES A FINAL STATUS HAS BEEN ADDED TO THE WELL.

<u>ARIZONA</u>

APACHE COUNTY

i second

RIDGEWAY ARIZONA OIL 9-22-29 RIDGEWAY API 02-001-20310

22-9N-29E SW SE 1091 FSL 2674 FWL WILDCAT; PERMIT #898; 2400 FORT APACHE, (FR 03/17/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7191 KB; LOCATION DATA: 15 MI S UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 6 MI N SPRINGERVILLE, AZ; TO BE VERTICALLY DRILLED. WELL ID CHANGES: FTG CHGD FROM 1320 FSL 1320 FWL. SPOT CHGD FROM C SW. ELEV CHGD FROM 1746 GR.

CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/30/97 3180 TD, (TD REACHED: 04/ 06/97); ... 3180 TD, WOCT (LDIR 05/06/97)

RIDGEWAY ARIZONA OIL 9-21 RIDGEWAY STATE API 02-001-20309

21-9N-31E 1980 FNL 1980 FEL

WILDCAT; PERMIT #897; 2300 FORT APACHE, (FR 03/03/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7211 KB; LOCATION DATA: 17 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC NE 3-11N-29E 10 1/2 MI E-NE SPRINGERVILLE, AZ; TO BE VERTICALLY DRILLED.

CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/08/97 CSG: 4 1/2 @ 2680; DST # 1 (GRANITE WASH) 2600, ISIP 680, REC CO2 GTS(AMT NOT RPTD); 2686 TD, (TD REACHED: 03/ 16/97); ... 2686 TD, WOCT (LDIR 05/06/97)

RIDGEWAY ARIZONA OIL 10-26-29 RIDGEWAY STATE API 02-001-20315

26-10N-29E NW SW 2260 FSL 1206 FWL WILDCAT; PERMIT #903; 2300 FORT APACHE, (FR 04/10/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (520) 337-3230; EL: 6946 KB; LOCATION DATA: 10 MI S UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 12 MI NE SPRINGERVILLE, AZ; TO BE VERTICALLY DRILLED.

CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 04/18/97 CSG: 8 5/8 @ 1118; DRLG COMMENTS: AZTEC WELL SERVICING #157 COMPLETED. 2850 TD, (TD REACHED: 04/ 30/97); ... 2850 TD(APPROX), COMPLETING (LDIR 05/06/97)

RIDGEWAY ARIZONA OIL 10-22 RIDGEWAY STATE API 02-001-20308

22-10N-30E SW SW 660 FSL 660 FWL WILDCAT; PERMIT #896; 2300 FORT APACHE, (FR 02/18/97FM) OPER ADD: 1080-700 4TH AVE SW, CALGARY, AL, T2R -03.14 PHONE (800) 347-0294; EL: 6891 KB; LOCATION DATA: 10 MI S-SE UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 20 MI SE ST JOHNS, AZ; TO BE VERTICALLY DRILLED.

CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13: SPUD: 03/21/97 DST # 1, ISIP 410, (AMOS WASH), REC CO2 GTS; 2265 TD, (TD REACHED: 03/ 27/97); . . . 2265 TD, WOCT (LDIR 05/06/97)

RIDGEWAY ARIZONA OIL 10-16-31 RIDGEWAY API 02-001-20311

16-10N-31E NE SW 1980 FSL 1980 FWL

WILDCAT; PERMIT #899; 2400 FORT APACHE, (FR 03/17/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7259 KB; LOCATION DATA: 13 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 16 MI NE SPRINGERVILLE, AZ; TO BE VERTICALLY DRILLED.

CONTR: AZTEC WELL SRVCG, RIG # 124 RIG SUB:13; SPUD: 04/08/97 DRLG COMMENTS: LOST CIRC PROBLEMS WHILE DRLG, CO2 GTS @ TD. 2798 TD, (TD REACHED: 04/ 17/97); ... 2798 TD, RNG PROD CSG (LDIR 05/06/97)

RIDGEWAY ARIZONA OIL 22-1X RIDGEWAY STATE API 02-001-20301

22-12N-29E 1363 FNL 1713 FWL UNNAMED; PERMIT #888; 2300 FORT APACHE, (FR 08/28/95FM) OPER WO D: 1080-700 4TH AVE SW, CALGARY, AB, 00T2R-03J4 PHONE (505) 327-1376; EL: 6406 KB; LOCATION DATA: 1 MI S CO2 DISCOVERY-UNNAMED 15-12N-29E FLD 8 MI SE ST JOHNS, AZ; TO REPLACE JUNKED HOLE #1: TO BE VERTICALLY DRILLED. PERMIT REISSUED: 08/28/96 WELL ID CHANGES: WELL NAME CHGD FROM STATE, FTG CHGD FROM 1383 FNL 1723 FWL.

CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 02/11/97 CSG: 4 1/2 @ 2136; CORE# 1 (FORT APACHE) 1296-1696 NO RECOVERY; SHOWS: FORT APACHE CO2 2145 TD, (TD REACHED: 02/ 20/97); ... 2145 TD, WOCT (LDIR 05/06/97)





State of Arizona Arizona Geological Survey

416 W. Congress, Suite 100 Tucson, Arizona 85701

(520) 770-3500



Larry D. Fellows

May 6, 1997

Mr. Don Riggs Vice President Operations Ridgeway Arizona Oil Corporation P.O. Box 1110 St. Johns, Arizona 85936

file 898

Dear Mr. Riggs:

I am writing to remind you of certain compliance requirements of this office with respect to your current drilling program. On April 8 I supplied you with several Sundry Notice forms for your use in providing this office with a weekly summary of wellsite activity, including completion testing, for your wells. To date, no weekly reports have been received. These reports are now due, pursuant to A.R.S. § 27-503, for your wells 22-1X, 11-21, 9-21, 10-22, 9-22-29, 10-16-31, and 10-26-29.

In order that our records be accurate and current, in accordance with Arizona statutes, I am enclosing several Sundry Notice Forms and again request your cooperation in bringing these reports up-to-date.

Sincerely,

Steven L. Rauzi

Oil & Gas Administrator

Stevent Rais

Enclosures

Walter B. Ruck

*Ridgeway Arizona Oil Corp "State" 09-22-29 Map:AZ 22-9N-29E, Fr SW cor 1091'N 2674'E 02-001-20310 8-5/8c.1135 4-1/2c.3180 State Lease 13-101-536 S-9:10pm-03/30/97(Aztec Well Service) (NPM) elev:7178'GR 2400'-est.td 7 3180 Plan to perforate/proven reserves, 42' of Fort Apache Zone, 122' of Amos Wash, and new deeper reserves 72' of Raven, 183' of Oak Creek and 146' of Granite Wash. Granite Wash. *Ridgeway Arizona Oil Corp "State" 10-22 Map:AZ 22-10N-30E,Fr SW cor 660'H 660'E 02-001-2030E 8-5/EC.743 4-1/2C.2265 State Lease 13-100-215 S-03/19/97 (Aztec Well Service) elev:6678'GR 2300'-est.td (NFW) ...

2265 Plan to perforate the proven reserves 30' of Fort Apache, 129' of Amos Wash, and the new deeper reserves of 6' of Oak Creek, 136' of Granite Wash. The main objective is the Amos Wash which flowed CO2 cas to surface on a DST with SIP of 410 psi. gas to surface on a DST with SIP of 410 psi. *Ridgeway Arisona Oil Corp "State" 10-26-29 Map:AZ 26-10N-29%, Fr SW cor 1206'8 2260'N 02-001-20315 8-5/8c.1118 S-04/18/97(Aztec Well Service) (NPW) State Lease #13-101-533 elev:6932.5'GR 2300 est.td 1200+ Drilling. STATE OF NEVADA

(OST RANCH

Bagle Springs Prod LLC "Ghost Ranch Federal" 47-35

35-9N-578, Fr SW cor 1052'N 2340'B 27-023-05552

7c.4696 S-03/09/97(Caza Drlg #63) elev:4746'GR

(Federal Lease N-42341) 5000'-est.td Map:NV

4696 Testing with Colorado Well Service rig. GHOST RANCH

Berry Petroleum Co. "Formax West" J-4 04-030-07942 36-328-23R MD, Fr NR cor 2045'S 2763'W elev:1402'RB 7c.1080 5-1/2Ld.990-1320 Map:102-5 Int:1080-1320' S-1:30pm-04/25/97(Gary Drlg Co #15) Status:OIL 1432 Pg1320 TD Drilled. Logged. Cmtd 7" csg at 1080'. Ran 5-1/2" lnr 990-1320'. Released rig 9pm.4/30/97.

9pm, 4/30/97

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May 1, 1997 LATHROP WELLS

"Westek Resources, Inc. "Wheeling" 1 Map:NV (NFN)

13-168-518, Pr NE cor 2100'S 950'W

(Pederal Lease N-61369)

Filed notice of staking SANS SPRING
Big West Oil & Gas, Inc. "Sans Spring" 5-14A Map:NV
14-7N-568,Fr NW cor 1700'S 450'B 27-023-05546
S-04/02/97(Caza Drlg 63) (Federal Lease N-47646)
elev:4708'GR 5636'-est.td
7??? Released rig 4/14/97. Will move in Colorado
Well Service rig when finished at Ghost Ranch. well service rig when finished at Ghost Ranch.

*Trio Petroleum, Inc. "Federal" 86%-19 Map:NV (NPW)
19-7N-57B,Fr SE cor 2000'N 100'W
(Federal Lease N-55475)
Notice of staking filed 1/28/97.

KYLE SPRING

*Evans-Barton, Ltd "Kyle Spring" 11-14 27-027-05005
11-29N-36E,Fr SN cor 1033'N 769'E elev:4786.54'GR
4-1/2c.2500 S-11/06/96(Humboldt Drlg) Map:NV

Federal lease N-58388 2500'-est.td (NFW)
2622: Released rig 11/25/96: Perforated an undisclosed interval. Waiting on a completion rig.
SAN EMIDIO:
San Emidio Resources, Inc. "16" 76-16 Map:NV
16-29N-23E,Fr SE cor aprx.1650'N 990'W
(Buckland Drlg "SER" #1)
Rigging up. Hope to start this weekend or early next week. WIST

STATE OF OREGON

COLUMBIA COUNTY

Enerfin Resources Northwest "CC" 32-27-65
27-6N-5W, Fr NE cor 1472'S 2422'W 36-009-00322
7c.493 S-09/14/96 (Taylor Drig Co #7) elev:860'KB
2010'Clark/Wilson-est.td Map:OR
2084 Temporarily abandoned 9/20/96.

* * * * * * * * * ABANDONMENTS * * * * * * * *

RUPARUK RIVER-SW STATE OF ALASKA.

**RCO Alaska Inc. "Tarn" 4 50-103-20249 Map:AL-4
1-9N-7E UM:57 NW cor 1119'S 509'E(straight hole)
2c.???? S-03/12/97(Doyon Drlg #141) (NFW)
6150 Drilled, no details. Released rig 3/22/97.
Bluccod and Anamount 1/22/07

Munger Oilogram, Page 10

Munger Oilogram Resume

COASTAL AREA
SANTA MARIA VALLEY
Vintage Petroleum Inc. "Bradley Lands Unit" 54-5
5-9N-33W.SB,Fr NE cor 2750'S 2700'N 04-083-22234
16c.485 10-3/4c.4887 7-5/8c.4796 4700'-est.td
S-12/27/96 (Cleveland Drig Co *4) - elev:614'RB.
4830 Cmtd 10-3/4" csg at 4487' Drilled to TD.
Logged. Cmtd 7-5/8" lnr to 4796', with slots
4457-4796' Released rig 1/13/97. PP 5/1/97 pumping
100 B/D net oil. Map:123 Int:4487-4796'
SANTA CLARA AVENUE
Venoco Inc. "Santa Clara Unit 4" 3 04-111-21849'
19-2N-21W SB,Fr int C/L orig Hwy.101 & Santa Clara
Ave 6074'NBLY 685'NMLY R/A'S (Surface)
2625'R 1250'N of surf hole (est.BHL) elev:117'RB
9-5/8c.1550 5-1/2c.9900 8800'est.TVD,10050'-est.td
S-04/08/97 (Kenai Drig #44) Directional Map:144-1
980 Cmtd 9-5/8" csg at 1550'. Drilled to TD.
Cmtd 5-1/2" csg at 9900'. Released rig 5pm, 4/26/97.
STATE OF ALASKA

KENAI
Marathon Oil Co. "Cannery Loop Unit" 5 50-13-20474
7-5N-11W SM, Fr SW cor 2177'N 2524'8(BHL) Map:AL-7
22222 S-10/04/96(BOOL Marches) SAN JOAOUIN VALLEY

STATE OF CALIFORNIA
BELRIDGE-SOUTH
"Torch Operating Co. "Hopkins* 9-10 04-030-07988
9-295-218 MD, Fr. NE cor 874'S 1732'W elev:660'KB
9-5/8c.1152 6-5/8Ld.1190 Map:75-6 Int:1152-1190'
S-04/26/97(Gary Drig Co #7) Status:01L (EXT)
1300 Pg1190 TD: Drilled Logged Cmtd 9-5/8* csg
at 1152'. Ran 6-5/8* Inr to 1190'. Released rig
4/28/97. **Torch Operating Cd. "Hopkins" S-8 04-030-07987 9-29S-21E MD. Fr NB cor 1526'S 1064'W elev:660'KB 9-5/8c.1202.6-5/8Ld.1268 Map:75-6 Int:1202-1268' S-04/23/97(Gary Drig Co #7) Status:01L (EXT) 1450 Pg1268 TD. Drilled. Logged. Cmtd 9-5/8" csg at 1202' Ran 6-5/8" lnr to 1268'. Released rig 4/26/97. Chevron U.S.A. Inc. "1Y" 1914N 04-030-07786 Chevron U.S.A. Inc. "1Y" 1914N 04-030-07786
1-30S-21E MD, Fr NE cor 3174'S 868'W alev:956'DF
10-3/4c.362 7c.1560 Map:92-2 Status:OIL
S-04/23/97 (Golden State Drlg #8)
1566 Cmtd 10-3/4" cag at 362'. Drilled to TD.
Logged...Took SWS. Cmtd 7" cag at 1560'. Released rig
4/26/97:

KERN RIVER
Texaco Expl & Prod Inc. "33" 432 04-030-08035
328S-28E MD, Fr NW cor 3693'S 2050'E elev:709'mat
7c.1029 S-04/25/97 (Gary Drlg Co #17) Map:71
1029 TD. Drilled. Logged. Cmtd 7" csg at 1029'.
Released rig 4/26/97. Status:OIL 7-5N-11W SM, Fr SB cor 180'N 320'W(Surface)
8-5N-11W SM, Fr SW cor 2177'N 2524'E(SHL) Map:AL-7
7c.7???? S-10/04/96(Pool Arctic #122) Directional
11424 TVD10238 TD. Drilled, no details. Released
rig 12/26/96. Completed as a dual gas zone producer
12/26/96. Status:OIL-12/26/96
PRIDHOE BAY
ARCO Alaska Inc. "Prudhoe Bay Unit" 05-39 Map:AL-4
32-11N-15E UM, Fr SB cor 2350'N 4115'W(Surface)
32-11N-15E UM, Fr SB cor 1438'N 2549'W(BHL)
7c.????? 50-029-22715 S-11/25/96(Doyon Drlg #9)
Directional Status:OIL-12/25/96
10525 TVD8958 Drilled, no details. Released rig
12/28/96. Completed oil well 12/25/96. Texaco Expl & Prod Inc. "33" 433 04-030-08036
33-285-28E MD,Fr NW cor 4005'S 2646'E elev:392'mat
7c.972 S-04/23/97(Gary Drig Co #17) Map:71
972 TD, Drilled. Logged. Cmtd 7" csg at 972'.
Released rig 4/24/97. Status:0IL
MIDWAY SUNSET
ARCO Western Energy "Anderson-Goodwin" H104 Map:102
21-315-22E MD,Fr NW cor 680'E 724'S 04-030-08021
10-3/4c.52 7c.1383 S-04/27/97(Western Drig #68)
elev:1730'KB Status:0IL
1383 TD. Drilled. Logged. Cmtd 7" csg at 1393'.
Released rig 4/29/97. SAN JOAOUIN VALLEY

STATE OF CALIFORNIA

KERN RIVER
Chevron U.S.A. Inc. "American Naphtha" 11-81
31-28S-28E MD, Pr E-1/4 cor 1440'S 480'W Map:70-2
2-7/8c.1353 2-7/8c.1356 04-030-07568 elev:707'DF
S-04/21/97 (Kenai Drig #1) Status:STEAMFLOOD
1365 TD. Drilled. Logged. Took SWS. Cmtd dual
2-7/8" tbg strings at 1353' and 1356'. Released rig
4/25/97. Berry Petroleum Co. "Berry & Rwing" 169R Map:102-5 31-32S-24E MD, Fr SN cor 1870'E 570'N 04-030-07043 7c.1234 5-1/2Ld.1192-1379 elev:1390'RB Status:OIL S-6pm-04/26/97(Gary Drlg Co #9) Int:1234-1379' 1379 TD. Drilled. Logged. Cmtd 7" csg at 1234'. Ran 5-1/2" lnr 1192-1379'. Released rig 3am,4/30/97. Chevron U.S.A. Inc. "American Naphtha" 356T1 31-288-28R MD, Fr SB cor 775'N 597'W 04-030-07563 3-1/2c.1388 8-04/25/97(Kenai Drlg #1) elev:709'DP 1400 TD. Drilled. Logged. Took SMS. Catcd 3-1/2" tbg at 1388'. Released rig 4/28/97... Map:70-2

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RIDGEWAY PETROLEUM CORP.

1080,700 - 4th AVENUE S.W., CALGARY, ALBERTA T2P 3J4 TELEPHONE: (403)266-6362 FAX: (403)262-5294 EMAIL: ridgeway@mail.cypronet.com

ARIZONA PROJECT UPDATE

April 23, 1997

Positive results from test wells continue to strengthen confidence that Ridgeway Petroleum corp's Arizona holdings contain one of the largest quality CO2 and helium reserves in North America. The test wells have not only confirmed expectations for the two known production zone production zones in the field but have also identified three additional, deeper zones.

Since completing its \$3.2 million financing Ridgeway Petroleum has launched a 10 well delineation program designed to establish reserve estimates for its 600, 000 acre (over 900 sq. miles) Project, of which 200,000 acres are now considered proven and probable based on the two main zones. Fort Apache and Amos Wash. The new zones are Granite Wash, Raven and Oak Creek.

Drilling, while limited to the southeast portion of the field, has shown a continuity throughout both the Fort Apache and Amos Wash and results indicate both zones continue into the State of New Mexico. This projection bolsters Ridgeway's expansion into that state. The company announced on April 16 it has acquired US Federal Petroleum and Natural Gas leases on 81,0000 acres in New Mexico, adding to its 23,000 acres of state leases. This acquisition is an extension of the Arizona Project and it is anticipated that exploration will begin in new Mexico within 60 days.

1-21x (883) visited well on 4-10-77. Met Rissit Scotton access rd. Well perfect a visiting to admosfine

Testing has started on one of the delineation wells and will begin on three others April 23. Due to drilling difficulties a sixth well has been temporarily suspended, and the company is presently drilling a seventh well in east-central Arizona to a projected total depth of 3,200 feet. The remaining tree wells in the declinations program will test western and northern directions from the discovery hole. All testing and completions are being conducted with the assistance of Schlumberger/Dowell. Results from the first delineation well's completion tests confirm production of CO2 and minor fractions of helium with no formation water. Flow rates will be available after acid cleanup treatment. As a result of core analysis, drill stem testing and a sophisticated logging suite, the three wells currently being prepared for production testing have been assigned the following total pay thickness: Ridgeway State

9-22-T9N-RGE29E (Petmit 898)

Fort Apache 42'

Amos Wash 122

Raven 72'

Oak Creek 183'

Granite Wash 146'

Total: 565' to be perforated

(Located in the southwest region of the leasehold, the fort apache and Amos and CO2 reservoir objectives are significantly well developed. Successful completion and confirmation of the deeper reservoirs will substantially increase proven and probable CO2 reserves under the western half of Ridgeway Arizona's lease block.)

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BP Expl (Alaska) Inc. "Prudhoe Bay Unit" B-23A 31-11N-14E UM,Fr NE cor 894'S 1897'W(Surface) 32-11N-14E UM,Pr NW cor 2209'S 858'E(BHL) 32-11N-14E UM,Pr SE cor 3818'N 3213'W(est.BHL-RD) 13-3/8c.2693 9-5/8c.3235 7c.10080 50-029-20779-01 (Alaska United #2) S-8/27/82 Rig rel-9/17/82 Rsm-04/16/97 (Doyon Drlg #141) Directional 10085 Issued permit #97-59 on 4/9/97 for radrill. Resumed 4/16/97 for redrill #1. Map:AL-4

776 23**6 5**76

(;)

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" P-24 31-11N-13R UM, Fr SE cor 2359'N 3138'W(Surface) 25-11N-12E UM, Fr SE cor 1946'N 2835'W(est.BHL) 50-029-22755 S-03/27/97(Doyon Drlg #9) Map:AL-4 Directional 11706 Drilling.

BP Expl (Alaska) Inc. *Prudhoe Bay Unit* S-44Ll 35-12N-12E UM, Fr SE cor 4242'N 4502'W(Surface) 27-12N-12E UM, Fr SE cor 747'N 4811'W(est.BHL) 33-12N-12E UM, Fr SE cor 5093'N 993'W(est.BHL-L1) 50-029-22735-60 6-03/02/97(Nabors Drlg #18E) Directional Map:AL-4 ???? Drilling, no details.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" Z-32BL1
19-11N-12E UM, Pr NW cor 713'S 1253'E(Surface)
18-11N-12E UM, Pr NE cor 691'S 4355'W(BHL)
18-11N-12E UM, Pr SW cor 3768'N 447'E(BHL-RD)
12-11N-12E UM, Pr SE cor 1831'N 1339'W(est.BHL-RD2)
12-11N-12E UM, Pr SE cor 181'N 2526'W(est.BHL-L1)
20c.110 13-3/8c.2668 9-5/8W.77?? 50-029-21924-62
(Alaska United #2) S-lam, 3/28/89 Rig rel-4/17/89
(Pour Prig #14) Psm-2pm.8/14/93 Rig rel-4/30/93 (Doyon Drlg #14) Rsm-2pm,8/14/93 Rig rel-8/30/93 Rsm-03/04/97 (Nabors Drlg #2ES) Directional 11330 RD10830 Resumed 3/4/97 for redrill #2.

OTHER WESTERN STATES STATE OF ARIZONA ### WESTERN STATES

STATE OF ARIZONA

APACHE COUNTY

*Ridgeway Arizona Oil Corp "State" 09-22-29 Map: AZ

22-9N-29E, Fr SW cor 1091'N 2674'E 02-001-20310

/ 6-5/8c.1135 4-1/2c.3180 State Lease 13-101-536

S-9:30pm-03/30/97(Aztec Well Service) (NPW)

elev:7178'GR 2400'-est.td

3180 Drilled to TD. Cmtd 4-1/2" csg at 3180'.

Released rig 4/7/97.

Munger Oilogram, Page 8

*Ridgeway Arizona Oil Corp "State" 10-16-31 Map:AZ 16-10N-31E.Fr SW cor 1980'N 1980'E 02-001-20311 8-5/8c.875 S-04/07/97(Aztec Well Service) (NPW) State Lease 13-101-540 elev:7246'GR 2400'-est.td 1000+ Cmtd 6-5/8" csg at 875'. Drilling 7-7/8" hole ahead.

STATE OF NEVADA HOST RANCH
Eagle Springs Prod LLC "Ghost Ranch Pederal" 47-35
35-9N-57E,Fr SW cor 1052'N 2340'E 27-023-05552
7c.4696 S-03/09/97(Caza Drlg #63) elev:4746'GR
(Pederal Lease N-42341) 5000'-estitd Map:NV 4696 Completing with Colorado Well Service rig.

Nestek Resources, Inc. "Wheeling" 1 Map:NV (NFW) 13-16S-51E, Pr NE cor 2100'S 950'W (Pederal Lease N-61369) Filed notice of staking.

Big West Oil & Gas, Inc. "Sans Spring" 5-14A Map:NV 14-7N-55E,Fr NW cor 1700'S 450'E 27-023-05546 S-04/02/97(Caza Drlg 63) (Federal Lease N-47646) elev:4708'GR 5636'-est.td ???? Plan to finish drilling this week and move in

*Trio Petroleum, Inc. "Federal" 86X-19 Map:NV (NPW) 19-7N-57E,Fr SE cor 2000'N 100'W (Federal Lease N-55475) Notice of staking filed 1/28/97.

KYLE SPRING PERSHING COUNTY
"Evans-Barton, Ltd "Kyle Spring" 11-14 27-027-05005
11-29N-36E,Fr SW cor 1033'N 769'E elev:4786.54'GR
4-1/2c.2500 S-11/06/96(Humboldt Drlg) Map:NV Pederal lease N-58388 2500'-est.td (NFW) 2622 Released rig 11/25/96. Evaluating.

STATE OF OREGON Enerfin Resources Northwest "CC" 32-27-65
27-6N-5W, Pr NE COT 147318 24721 27-6N-5W,Pr NE cor 1472'S 2422'W 36-009-00322
7c.493 S-09/14/96 (Taylor Drlg Co #7) elev:860'KB
2010'Clark/Wilson-est.td Map:OR
2084 Temporarily abandoned 9/20/96.

Munger Oilogram Resume

* * * * * * COMPLETIONS * * *

STATE OF CALIFORNIA SAN JOAOUIN YALLEY COALINGA FRESNO COUNTY

Monterey Resources, Inc. "CMS" 319R 04-019-23802 31-195-16E MD, Fr NR cor 303'Sly 99'Wly Map:43-5 7c.1257 5-1/2Ld.1228-1960 elev:1226'KB Status:OIL S-03/07/97 (Gary Drlg Co #13) 1216'-est.td TD. Drilled. Logged. Cmtd 7" csg at 1257'. Ran 5-1/2" lnr 1228-1960' with slots 1269-1960'. Released rig 3/12/97. Int:1269-1960

Monterey Resources, Inc. "Section Seven" 130R 7-205-15E MD, Fr NW cor 658'Sly 76'Ely 04-019-23803 7c.918 5-1/2Ld.880-1418 1418'-est.td elev:904'KB S-03/03/97 (Gary Drlg Co #13) Map:43-6 Status:OIL TD. Drilled. Logged. Cmtd 7" csg at 918'. Ran 5-1/2" lnr 880-1418' with slots 928-1418'. Released rig 3/6/97. Int:928-1418'

**Monterey Resources, Inc. "Section Seven" 1H 7-20S-15E MD, Pr NW cor 1318'Sly 1090'Ely(Surf) 7-205-15E MD, Fr NW cor 38'Sly 1090'Ely(est BHL) 9-5/8c.1478 6-5/8Ld.1343-2225 04-019-23791 S-02/26/97 (Gary Drlg Co #13) 1040'VD 2250'-est.td elev:888 KB Map:43-6 Int:1478-2225 Status:OTL 2225 TD. Drilled. Logged. Cmtd 9-5/8 csg at 1478'. Ran 6-5/8" lnr 1343-2225' with slots 1473-2225'. Released rig 3/3/97. (HORIZONTAL)

CYMRIC

a completion rig.

KERN COUNTY "1Y" 1912N 04-030-07788 1-30S-21E ND, Fr NE cor 2706'S 866'W elev:952'DP 10-3/4c.361 7c.1613 Map:92-2 Status:OIL S-04/07/97 (Golden State Drlg #8) Cmtd 10-3/4" cag at 361'. Drilled to TD. Logged. Took SWS. Cmtd 7" csg at 1613'. Released rig 4/10/97.

KERN RIVER Texaco Expl & Prod Inc. *33* 33-426 04-030-08029 33-285-28E MD, Fr NW cor 3293'S 424'E elev:721'mat 7c.1061 S-04/13/97(Gary Drlg Co #17) Map:71 1061 TD. Drilled. Logged. Cmtd 7" csg at 1061'. Released rig 4/14/97. Status:OIL

Texaco Expl & Prod Inc. "Revenue" 147 04-030-08004 4-295-28E MD, Fr NW cor 2976'S 4881'E elev:563'mat 7c.1035 S-04/10/97 (Gary Drlg Co #17) Map:71 1035 TD. Drilled. Logged. Cmtd 7" csg at 1035" Released rig 4/12/97. Status:OIL

LOST KILLS Chevron U.S.A. Inc. "32" 4-7E 04-030-07365 32-268-21E MD, Fr SW cor 1539'Ely 2263'Nly Map:59-1 9-5/8c.330 7c.2486 S-04/13/97(Kenai Drlg #8) elev:406'DF Status:OIL Cmtd 9-5/8" csg at 330'. Drilled to TD. Logged. Took SWS. Cmtd 7" csg at 2486'. Released rig

- 1 20-02-est

PETROLEUM INFORMATION/DWIGHTS ROCKY MOUNTAIN REGION REPORT PAGE 3 **SECTION VI - 04/16/97**

DRILLING PROGRESS

INITIAL CLASS: WF = NEW FIELD WILDCAT; WD = DEEPER POOL WILDCAT; WS = SHALLOWER POOL WILDCAT; WP = NEW POOL WILDCAT; WO = WILDCAT OUTPOST; D=DEVELOPMENT.

DENOTES NEW INFORMATION ADDED THIS WEEK, LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED.

DENOTES A FINAL STATUS HAS BEEN ADDED TO THE WELL.

ARIZONA

APACHE COUNTY

RIDGEWAY ARIZONA OIL 9-22-29 RIDGEWAY API 02-001-20310

22-9N-29E SW SE 1091 FSL 2674 FWL

WILDCAT; PERMIT #898; 2400 FORT APACHE, (FR 03/17/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7191 KB; LOCATION DATA: 15 MI S UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 6 MI N SPRINGERVILLE, AZ, TO BE VERTICALLY DRILLED. WELL ID CHANGES: FTG CHGD FROM 1320 FSL 1320 FWL SPOT CHGD

FROM C SW. ELEV CHGD FROM 1746 GR. CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/30/97 2400 TD, (TD REACHED: 04/ 06/97); ... 2400 TD(APPROX), WOCT (LDIR

RIDGEWAY ARIZONA OIL 9-21 RIDGEWAY STATE API 02-001-20309

04/08/97)

21-9N-31E **SW NE** 1980 FNL 1980 FEL

WILDCAT; PERMIT #897; 2300 FORT APACHE, (FR 03/03/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7211 KB; LOCATION DATA: 17 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC NE 3-11N-29E 10 1/2 MI E-NE SPRINGERVILLE, AZ: TO BE VERTICALLY

DRILLED. CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/08/97 CSG: 4 1/2 @ 2680; 2680 TD, (TD REACHED: 03/ 16/97); . . . 2680 TD, WOCT (LDIR 03/18/97)

RIDGEWAY ARIZONA OIL 10-22 RIDGEWAY STATE API 02-001-20308

22-10N-30E 660 FSL 660 FWL

WILDCAT; PERMIT #896; 2300 FORT APACHE, (FR 02/18/97FM) OPER ADD: 1080-700 4TH AVE SW. CALGARY, AL, T2R -03J4 PHONE (800) 347-0294; EL: 6891 KB; LOCATION DATA: 10 MI S-SE UNNAMED FLD(FORT APACHEICO2 DISC 3-11N-29E 20 MI SE ST JOHNS, AZ; TO BE VERTICALLY DRILLED.

CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/21/97 2300 TD, (TD REACHED: 03/ 27/97); . . . 2300 TD(APPROX), WCCT (LDIR 04/02/97)

RIDGEWAY ARIZONA OIL 10-16-31 RIDGEWAY API 02-001-20311

16-10N-31E **NE SW** 1980 FSL 1980 FWL WILDCAT; PERMIT #899; 2400 FORT APACHE, (FR 03/17/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7259 KB; LOCATION DATA: 13 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 16 MI NE SPRINGERVILLE, AZ; TO BE VERTICALLY DRILLED.

RIDGEWAY ARIZONA OIL 2-1 RIDGEWAY STATE

2-11N-29E SE NW 1660 FNL 1680 FWL

CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 04/08/97 . . . DRLG 1354 (LDIR 04/15/97) UNNAMED; PERMIT #893; 2465 FORT APACHE, (FR 10/20/95FM) OPER ADD: 1080 700 4TH AVE SW, CALGARY ALB T2P 3J4, PHONE (800) 347-0294; EL: 6710 GR: LOCATION DATA: 1/2 E FORT APACHE CO2 DISC 3-11N-29E UNNAMED 8 1/2 MI SE ST JOHNS, AZ; PERMIT REISSUED: 10/20/96

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LOC;

API 02-001-20305

RIDGEWAY ARIZUNA UIL 10-1 RIDGEWAY STATE API 02-001-20303

SW NE 1660 FNL 1660 FEL ADD: 1680 700 4TH AVE SW, CALGARY ALB T2P 3J4, PHONE (800) 347-0294; EL: 6654 GR; LOCATION DATA: 1/3 MI S FORT APACHE CO2 DISC SE 3-11N-29E UNNAMED 9 1/2 MI SE ST JOHNS, AZ; PERMIT REISSUED: 10/20/96

CONTR: AZTEC WELL SRVCG; LOC;

RIDGEWAY ARIZONA OIL 11-1 RIDGEWAY STATE API 02-001-20304

11-11N-29E SE NW 1775 FNL 1660 FWL UNNAMED; PERMIT #892; 2680 FORT APACHE, (FR 10/20/95FM) OPER ADD: 1080 700 4TH AVE SW, CALGARY ALB T2P 3.14, PHONE (800) 347-0294; EL: 6824 GR: LOCATION DATA: 1/3 MI SE FORT APACHE CO2 DISC 3-11N-29E UNNAMED 10 MI SE ST JOHNS, AZ; PERMIT REISSUED: 10/20/96

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RIDGEWAY ARIZONA OIL 11-21 RIDGEWAY STATE API 02-001-20307

21-11N-30E NE SW 1980 FSL 1980 FWL

WILDCAT; PERMIT #895; 2300 FORT APACHE, (FR 02/18/97FM) OPER ADD: 1080-700 4TH: AVE SW, CALGARY, AL, T2R -03,14 PHONE (800) 347-0294; EL: 6931 KB; LOCATION DATA: 4 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 13 1/2 MI SE ST JOHNS, AZ; TO BE VERTICALLY DRILLED.

WO

CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 02/21/97 CSG: 8 5/8 @ 855, 4 1/2 @ 2410; 2410 TD. (TD REACHED: 03/ 02/97); ... 2410 TD, WOCT (LDIR 04/04/97)

RIDGEWAY ARIZONA OIL 22-1X RIDGEWAY STATE API 02-001-20301

22-12N-29E SE NW 1363 FNL 1713 FWL UNNAMED; PERMIT #888: 2300 FORT APACHE. (FR 08/28/95FM) OPER ADD: 1080-700 4TH AVE SW, CALGARY, AB, 00T2R-03J4 PHONE (505) 327-1376; EL: 6406 KB; LOCATION DATA: 1 MI S CO2 DISCOVERY-UNNAMED 15-12N-29E FLD 8 MI SE ST JOHNS, AZ: TO REPLACE JUNKED HOLE #1: TO BE VERTICALLY DRILLED. PERMIT REISSUED: 08/28/96 WELL ID CHANGES: WELL NAME CHGD FROM STATE. FTG CHGD FROM 1383 FNL 1723 FWL

CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 02/11/97 CSG: 4 1/2 @ 2136; CORE# 1 (FORT APACHE) 1296-1696 NO RECOVERY:

NIAKUK BP Expl (Alaska) Inc. "Niakuk" NK-15 50-029-22745 36-12N-15E UM, Fr SE cor 1373'N 918'W(Surface) 14-12N-15E UM, Fr SE cor 1373'N 1801'W(est.BHL) S-03/05/97(Pool Arctic #7) Directional Map:AL-5 7777 Drilling, no details. POINT MCINTYRE

ARCO Alaska Inc. "Point McIntyre" P2-03 Directional
11-12N-14E UM, Pr SW cor 47'N 1004'E(Surface)
10-12N-14E UM, Pr SE cor 2777'N 1264'W(est.BHL)
50-029-22749 S-03/24/97(Doyon Drlg #14) Map:AL-4
77??? Drilled, no details. Released rig 4/7/97. ARCO Alaska Inc. "Point McIntyre" P2-13 Birectional 14-12N-14R UM, Fr SE cor 5269 N 4138 W(Surface) 2-12N-14R UM, Fr SE cor 1753 N 2458 W(est. BHL) 50-029-22757 S-04/08/97(Doyon Drig #14) Map:AL-4 6003 Issued permit #97-60 on 4/4/97 Drilling PRUDHOE RAY

ARCO Alaska Inc. "Prudhoe Bay Unit" 02-39 Map:AL-4
36-11N-14E UM, Fr SE cor 4512'N 3563'W(Surface)
25-11N-14E UM, Fr SE cor 4111'N 188'W(BHL)
?c.????? 50-029-22721 Directional
S-12/07/96(Nabors Drlg \$2ES) Status:OIL-01/03/97
12450 Completed oil well 1/3/97.

ARCO Alaska Inc. "Prudhoe Bay Unit" 03-16A Map:AL-4 10-10N-15R UM, Fr SE cor 1249'N 78'W(Surface) 9-10N-15R UM, Fr SE cor 383'N 2299'N(BHL) 9-10N-15R UM, Fr NE cor 2639'S 1944'W(est.BHL-RD) 20C.90 13-3/8C.2725 9-5/8C.11830 TLd.13065 50-029-20415-01 Rsm-03/30/97(Nabors Drlg #3S) (Rowan Drlg #35) S-2/24/80 Rig rel-3/31/80 Directional 13070 Pg12983 Resumed 3/30/97 for redrill #1 as an injector.

ARCO Alaska Inc. "Prudhoe Bay Unit" 17-19A Map:AL-5 22-10N-15E UM, Fr NW cor 2534'S 4288'E(Surface) 21-10N-15E UM, Fr NW cor 2872'S 2236'E(BEL) 20-10N-15E UM, Fr NB cor 4142'N 205'W(est.BHL-RD) 20c.110 19-3/4c.3845 7-5/8x7c.10406 Directional 50-029-22297-01 Rsm-03/27/97(Doyon Drlg #16). (Nabora Drlg #16E) S-10:30am,10/20/92 Rel-11/4/92 10415 Pg10322 Redrilling at 10058'.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" B-12A 31-11N-14E UM, Fr NE cor 1850'S 1609'W(Surface) 31-11N-14E UM, Fr NE cor 3458'S 726'W(BHL) 31-11N-14E UM, Fr SE cor 1299'N 322'W(EST.BHL-RD) 13-3/8c.2677 9-5/8c.8618 7c.9505 50-029-20332-01 (Brinkerhoff Drlg #36) S-11/20/78 Rig rel-12/7/78 Rsm-03/26/97(Doyon Drlg #141) Directional 9720 Redrilled. Deepened from 9515' to TD. Logging. Map:AL-4 Logging. Map:AL-4

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" B-13A
6-11N-14R UM, Fr NE cor 683'S 500'W(Surface)
1-11N-13R UM, Fr SE cor 2068'N 713'W(BHL)
1-11N-13Z UM, Fr SE cor 2128'N 2050'W(SHL-RD)
13-3/8c.2675 9-5/8W???? 7c.??? 50-029-20783-01
(Unknown contractor drid in Jan.1997) Directional
(PN *1) 8-5/10/82 Rig rel-5/30/82 Map:AL-4
12742 TVD8951 Redrilled, no details. Recompleted
oil well 1/21/97. Status:OIL-01/21/97

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" F-13A 2-21N-13E UM, Fr NE cor 1987'S 2846'W(Surface) 2-11N-13E UM, Fr NE cor 1225'S 2948'W(BHL) 2-11N-13E UM, Fr NE cor 2263'S 2182'W(BHL-RD) 13-3/8c.2670 9-5/8W.???? ?c.????? 50-029-20434-01 (Nabors Drig #22E) S-2/5/80 Rig rel-2/28/80 (Unknown contractor drid in Dec.1996) Directional 10320 TVD8947 Redrilled. Deepened from 9385'. Recompleted oil weil 12/3/96. Map:AL-4

BF Expl (Alaska) Inc. "Prudhoe Bay Unit" F-16A
2-11N-13E UM, Fr SE cor 2106'N 2199'W(Surface)
2-11N-13E UM, Fr SE cor 232'N 2360'W(BHL)
11-11N-13E UM, Fr NE cor 481'S 3829'W(BHL-RD)
13-3/8c.2660 9-5/3W.???? 7c.????? 50-029-20661-01
(Brinkerhoff PNJV #1) S-12/8/81 Rig rel-12/27/81
(Unknown contractor drld in Nov.1996) Directional
10984 TVD8974 Redrilled. Deepened from 9672'.
Recompleted oil well 11/20/96. Map:AL-4

6.73

BP Expl (Alaska) Inc. "Prudhom Bay Unit" K-07B 4-11N-14B UM, Fr NW cor 2041'S 473'B(Surface) 33-12N-14B UM, Fr SW cor 1424'N 2332'B(BHL) 33-12N-14B UM, Fr NW cor 4186'S 1567'B(est.BHL-RD) 33-12N-14B UM, Fr NW cor 3993'S 2701'B(est.BHL-RD2) 13-3/8c.2709 9-5/8W.???? ?c.????? 50-029-21045-02 (Alaska United #3) S-11/19/83 Rig rel-12/4/83 Directional Map:AL-4 10257 RD???? Issued permit \$97-61 on 4/4/97 for redrill #2.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" P-24 31-11N-13E UM,Fr SE cor 2359'N 3138'W(Surface) 25-11N-12E UM,Fr SE cor 1946'N 2835'W(est.BHL) 50-029-22755 S-03/27/97(Doyon Drlg #9) Map:AL-4 Directional 10831 Drilling

Munger Oilogram, Page 9 APFIL 10, 1997

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" S-44L1
35-12N-12E UM.Fr SE cor 4242'N 4502'W(Surface)
27-12N-12E UM.Fr SE cor 747'N 4811'W(est.BHL)
33-12N-12E UM.Fr SE cor 5093'N 993'W(est.BHL-L:
50-029-22735-60 S-03/02/97(Nabors Drlg #18E)
Directional Map:AL-4
277? Drilling, no details.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" Z-32BL1
19-11N-12E UM,Fr NN cor 713'S 1253'E(Surface)
18-11N-12E UM,Fr NE cor 691'S 4355'W(BHL)
18-11N-12E UM,Fr SW cor 3758'N 447'E(BHL-RD)
12-11N-12E UM,Fr SE cor 1831'N 1339'W(est.BHL-RD)
12-11N-12E UM,Fr SE cor 181'N 2526'W(est.BHL-RD)
12-11N-12E UM,Fr SE cor 181'N 2526'W(est.BHL-L1)
20c.110 13-3/8c.2668 9-5/8W.7??? 50-029-21924-62
(Alaska United #2) S-1am,3/20/89 Rig rel-4/17/89
(Doyon Drlg #14) Rsm-2pm,8/14/93 Rig rel-8/30/93
Rsm-03/04/97(Nabors Drlg #2ES) Directional
11330 RD10830 Resumed 3/4/97 for redrill #2.
Map:AL-4 Map:AL-4

OTHER WESTERN STATES

STATE OF ARIZONA
APACHE COUNTY

*Ridgeway Arizona Oil Corp "State" 09-22-29 Map.AZ
22-9N-29E,Fr SW cor 1091'N 2674'E 02-001-20310
8-5/8c.1135 4-1/2c.2400aprx State Lease 13-101-536
S-9:30pm-03/30/97(Aztec Well Service) (NFW)
elev:7178'GR 2400'-est.td
2400aprx Drilled to TD. Ran csg. Released rig
4/7/97

*Ridgeway Arizona Oil Corp "State" 10-16-31 Map:AZ 16-10N-31B,Fr SW cor 1980'N 1980'B 02-001-20311 S-04/07/97(Aztec Well Service) elev:7246'GR State Lease 13-101-540 2400'-est.td (NPW) 500+ Drilling.

*Ridgeway Arizona Oil Corp "State" 10-22 Map:AZ 22-10N-30B, Pr SW cor 660'N 660'E 02-001-20308 8-5/8c.743 4-1/2c.2265 State Lease 13-100-215 S-03/19/97 (Aztec Well Service) elev:6878'GR 2300'-est.td (NPW) 2265 TD. Drilled. CO2 was identified throughout the reservoir. Cmtd 4-1/2" csg at 2265'. Released rig 3/30/97. Evaluating logs and cores.

*Ridgeway Arizona Oil Corp "State" 10-26-29 Map:AZ 26-10N-29E,Fr SW cor 1206'E 2260'N 02-001-20315 State Lease #13-101-533 (Aztec Well Service) elev:6932.5'GR 2300'-est.td (NPW): Issued permit #903 on 4/8/97.

*Ridgeway Arizona Oil Corp "State" 12-16-28 Map:AZ 16-12N-29E,Fr NE Cor 1215'S 1991'W 02-001-20314 State Lease #13-101-344 (Aztec Well Service) elev:5988'GR 2150'-est.td (NPW) Issued permit #902 on 4/8/97.

*Ridgeway Arizona Oil Corp "State" 13-36-29 Map:AZ 36-13N-29E,Fr NE cor 1356'S 1726'W 02-001-20313 State Lease #13-101-554 (Aztec Well Service) elev:6167'GR 2200'-est.td (NPW) Issued permit #901 on 4/8/97

GEOST RANCH
Eagla Springs Frod LLC "Ghost Ranch Federal" 47-35
35-9N-57E,Fr SW cor 1052'N 2340'B 27-023-05552
7c.4696 S-03/09/97(Caza Drlg #63) elev:4746'GR
(Federal Lease N-42341) 5000'-est.td Map:NV
4696 Moved in Colorado Well Service for completion. completion.

SANS SPRING
Big West Oil & Gas, Inc. "Sans Spring" 5-14A Map:NV
14-7N-56E,Fr NW cor 1700'S 450'E 27-023-05546
S-04/02/97(Caza Drlg 63) (Federal Lease N-47646)
elev:4708'GR 5636'-est.td
7777 Drilling, "no dope" hole.

*Trio Petroleum, Inc. "Federal" 86X-19 Map:NV (NPW)
19-7N-578,Fr SE cor 2000'N 100'W
(Federal Lease N-55475)
Notice of staking filed 1/28/97.

KYLE SPRING
*Evans-Barton, Ltd *Kyle Spring* 11-14 27-027-05005
11-29N-36E,Fr SW cor 1033'N 769'E elev:4786.54'GR
4-1/2c.2500 S-11/06/96(Humboldt Drlg) Map:NV
Pederal lease N-58388 2500'-est.td (NFW)
2622 Released rig 11/25/96. Evaluating.

MIST
Enerfin Resources Northwest "CC" 32-27-65
27-6N-5W,Fr NE cor 1472'S 2422'W 36-009-00322
7c.493 S-09/14/96 (Taylor Drig Co #7) elev:860'KB
2010'Clark/Wilson-est.td Map:OR
2084 Temporarily abandoned 9/20/96.





Fife Symington

State of Arizona

Arizona Geological Survey

416 W. Congress, Suite 100 Tucson, Arizona 85701 (520) 770-3500

April 8, 1997



Larry D. Fellows Director and State Geologist

Mr. Don Riggs Ridgeway Arizona Oil Corporation P.O. Box 1110 St. Johns, Arizona 85936

Ridgeway #13-36-29 State, Sec. 36-13N-29E, Apache Co., Permit #901 Ridgeway #12-16-28 State, Sec. 16-12N-28E, Apache Co., Permit #902

Ridgeway #10-26-29 State, Sec. 26-10N-29E, Apache Co., Permit #903

Dear Mr. Riggs:

I have enclosed an approved application to drill the referenced wells; Permit Nos. 901, 902, and 903; and filing fee receipt nos. 3099, 3100, and 3101. A copy of the Permit to Drill must be posted in a conspicuous place at the well site.

These permits are issued on the condition that you conduct operations in compliance with all applicable rules and substantially as outlined in the drilling prognosis submitted with the application to drill, and that you notify me at least 24 hours before you:

Commence drilling operations; 1)

Run and cement surface casing; and 2)

Nipple up and test the BOPE prior to drilling out of the surface casing.

I have enclosed several Sundry Notices (Form 25) for you to provide this office with a weekly summary of wellsite activity (drilling, coring, testing, logging, running casing, etc). These reports are now due for your wells 22-1X, 11-21, 9-21, 10-22, and 9-22-29.

Sincerely,

Steven L. Rauzi

Oil & Gas Program Administrator

Stevent Rains

Enclosures

ETROLEUM INFORMATION/DV HTS DAILY ACTIVITY REPORT -SECTION II - 04/03/97

WF

WF

WF

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D

WF

DRILLING ACTIVITY

INITIAL CLASS: WF = NEW FIELD WILDCAT; WD = DEEPER POOL WILDCAT; WS = SHALLOWER POOL WILDCAT; WP = NEW POOL WILDCAT; WO = WILDCAT OUTPOST: D=DEVELOPMENT.

DENOTES NEW INFORMATION ADDED THIS WEEK, LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED.

DENOTES A FINAL STATUS HAS BEEN ADDED TO THE WELL.

ARIZONA

APACHE COUNTY

RIDGEWAY ARIZONA OIL 9-22-29 RIDGEWAY API 02-001-20310

22-9N-29E SW SE 1091 FSL 2674 FWL

WILDCAT: PERMIT #898: 2400 FORT APACHE, (FR 03/17/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7191 KB; LOCATION DATA: 15 MI S UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 6 MI N SPRINGERVILLE, AZ; TO BE VERTICALLY DRILLED. WELL ID CHANGES: FTG CHGD FROM 1320 FSL 1320 FWL. SPOT CHGD FROM C SW. ELEV CHGD FROM 1746 GR.

CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/30/97 . . . DRLG 950 (LDIR 04/02/97)

RIDGEWAY ARIZONA OIL 10-22 RIDGEWAY STATE API 02-001-20308

22-10N-30E SW SW 650 FSL 660 FWL

WILDCAT; PERMIT #896; 2300 FORT APACHE, (FR 02/18/97FM) OPER ADD: 1080-700 4TH AVE SW, CALGARY, AL, T2R -03J4 PHONE (800) 347-0294; EL: 6891 KB; LOCATION DATA: 10 MI S-SE UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 20 MI SE ST JOHNS, AZ; TO BE VERTICALLY DRILLED.

CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/21/97 2300 TD, (TD REACHED: 03/27/97); ... 2300 TD(APPROX), WOCT (LDIR 04/02/97)

COLORADO

BACA COUNTY

SUMMIT OIL 1-33 KRISTIEN 33-29S-41W 1263 FNL 1239 FWL

WILDCAT; PERMIT #97-210; 6400 ARBUCKLE, (FR 03/21/97DN) **OPER ADD**: 433 W WILSHIRE STE D, OKLAHOMA CITY, OK, 73116 PHONE (405) 842-7888; EL: 3811 GR; LOCATION DATA: IRREG SEC; 8 MI N GREENWOOD FLD(TOPEKA)6-315-41W 14 MI E-NE WALSH, CO; TO BE VERTICALLY DRILLED.

CONTR: MURFIN DRLG, RIG #22; SPUD: 04/02/97 (EST), ...

ENERGY ALLIANCE 1-18 REDSTONE API 05-009-06570

18-33S-43W SW NE 1323 FNL 1352 FEL . DRLG-TITE HOLE (LDIR 04/02/97) WALSH; PERMIT #96-920; 3400 TOPEKA, (FR 12/18/96DN) OPER ADD: BOX 4461, ENGLEWOOD, CO. 80155 PHONE (303) 773-1360; EL: 3980 GR; LOCATION DATA: 14 1/2 MI S WALSH, CO 1 3/4 MI SW OF FLD/TOPEKA/WABAUNSEE)5-33S-43W 1 1/2 MJ W-NW OF FLD/RED

CAVE)18-335-43W; TO BE VERTICALLY DRILLED. CONTR: ALLEN DRLG, RIG #2:SPUD: 03/29/97, CSG: RAN SURF CSG; . . . DRLG 1980 (LDIR 04/02/97)

GARFIELD COUNTY

VESSELS O&G 1-31 GIBSON GULCH UNIT API 05-045-07141

31-65-91W NE NE 744 FNL 227 FEL

MAM CREEK; PERMIT #96-961; 5800 WILLIAMS FORK, (FR 12/30/96DN) OPER ADD: 1050 17TH ST STE 2000, DENVER, CO, 80265 PHONE (303) 825-3500; EL: 5978 GR: LOCATION DATA: 5 1/4 MI SE SILT, CO; TO BE VERTICALLY DRILLED.

CONTR: SST ENERGY, RIG #1;SPUD: 03/24/97, CSG: RAN SURF CSG; 5511 TD, (TD REACHED: 04/ 01/97); . . . 5511 TD, WOCT (LDIR 04/02/97)

VESSELS O&G 8-31 GIBSON GULCH UNIT API 05-045-07142

31-6S-91W SE NE 1650 FNL 1120 FEL MAM CREEK; PERMIT #96-962; 6000 WILLIAMS FORK, (FR 12/30/96DN) OPER ADD: 1050 17TH ST STE 2000, DENVER, CO, 80265 PHONE (303) 825-3500; EL: 5951 GR: LOCATION DATA: 5 1/2 MI SE SILT, CO; TO BE VERTICALLY DRILLED.

CONTR: SST ENERGY, RIG #1;SPUD: 03/10/97 (EST), CSG: RAN SURF CSG; 5350 TD, (TD REACHED: 03/23/97); . . . 5350 TD, WOCT (LDIR 04/02/97)

LA PLATA COUNTY

SG INTERESTS I 8E S UTE API 05-067-08067 21-32N-7W SE SW 1059 FSL 1635 FWL IGNACIO-BLANCO; PERMIT #96-718; 8350 DAKOTA, (FR 10/16/96FM) OPER ADD: %SAGLE, SCHWAB & MCLEAN, BOX 2677, DURANGO, CO, 81302 PHONE (970) 259-2701; EL: 8887 KB; LOCATION DATA: 7 3/4 MI S

IGNACIO, CO; TO BE VERTICALLY DRILLED. CONTR: FOUR CORNERS DRLG, RIG #4 RIG SUB:12; SPUD: 01/04/97 8320 TD, (DAKOTA) (TD REACHED: 01/17/97); ... 8320 TD, COMPLETING (LDIR 04/02/97)

MOFFAT COUNTY

MARATHON OIL 4-1 HORSE DRAW API 05-081-06923

4-11N-96W NW NW 1174 FNL 499 FWL WILDCAT; PERMIT #97-170; 10591 ALMOND, (FR 03/06/97CA) OPER ADD: 1501 STAMPEDE AVE, CODY, WY, 82414 PHONE (307) 587-4961; EL: 6477 GR; LOCATION DATA: 6 1/2 MI SW LITTLE SNAKE FLD(LEWIS) 5 MI W POWDER WASH FLD(WASATCH/FORT UNKON) 23 MI E-SE HIAWATHA, CO; TO BE

VERTICALLY DRILLED. CONTR: NABORS DRLG USA, RIG #931;SPUD: 03/24/97 (EST), ... DRLG(TITE) (LDR 04/02/97)

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BP Expl (Alaska) Inc. "Prudhoe Bay Unit" Z-32BL1
19-11N-12E UM, Fr NW cor 713'8 1253'E(Surface)
18-11N-12E UM, Fr NE cor 691'S 4355'W(BHL)
19-11N-12E UM, Fr NE cor 181'N 447'E(BHL-RD)
12-11N-12E UM, Fr SE cor 181'N 1339'W(est.BHL-RD2)
12-11N-12E UM, Fr SE cor 181'N 2526'W(est.BHL-RD2)
12-11N-12E UM, Fr SE cor 181'N 2526'W(est.BHL-L1)
20c.110 13-3/8c.2668 9-5/8W.???? 50-029-21924-62
(Alaska United #2) S-1am,3/28/89 Rig rel-8/30/93
(Doyon Drlg #14) Rsm-2pm,8/14/93 Rig rel-8/30/93
Rsm-03/04/97(Nabors Drlg #2ES) Directional
11330 RD10830 Resumed 3/4/97 for redrill #2.
Map:AL-4 ARCO Alaska Inc. "Prudhoe Bay Unit" 15-02A Map:AL-4
22-11N-14E UM,Fr NW cor 1441'S 2851'E(Surface)
21-11N-14E UM,Fr SW cor 1119'N 1274'E(BHL)
21-11N-14E UM,Fr NE cor 2701'S 4301'W(BHL-RD)
20c.110 13-3/8c.2675 9-5/8W.???? ?c.?????
50-029-20697-01 Rgm-09/29/96(Nabors Drlg #3ES)
(Parker Drlg Co #176) S-2/12/82 Rig rel-3/8/82
Directional Status:OIL-11/08/96
12390 TVD8976 Recompleted oil well 11/8/96. ARCO Alaska Inc. "Prudhoe Bay Unit" 17-19A Map:AL-5 22-10N-15E UM, Fr NW cor 2534'S 4288'E(Surface) 21-10N-15E UM, Fr NW cor 2872'S 2236'E(BHL) 20-10N-15E UM, Fr SE cor 4142'N 205'W(est.BHL-RD) 20c.110 10-3/4c.3845 7-5/8x7c.10406 Directional 50-029-22297-01 Rsm-03/27/97(Doyon Drlg #16) (Nabors Drlg #18E) S-10:30am,10/20/92 Rel-11/4/92 10415 Pg10322 Issued permit #97-55 on 3/27/97. Resumed 3/27/97 for redrill #1. OTHER WESTERN STATES STATE OF ARIZONA T JOHNS

*Ridgeway Arizona Oil Corp "State" 09-22-29 Map:AZ
22-9N-29E,Fr SN cor 1091'N 2674'E 02-001-20310 ST JOHNS 8-5/8c.1135 S-9:30pm-03/30/97(Aztec Well Service) State Lease 13-101-536 elev:7178'GR 2400'-est.td 1135 Cmtd 8-5/8" csg at 1135'. (NPW) BP Expl (Alaska) Inc. "Prudhoe Bay Unit" B-12A 31-11N-14E UM,Fr NE cor 1850'S 1609'W(Surface) 31-11N-14E UM,Fr NE cor 3458'S 726'W(BHL) 31-11N-14E UM,Fr NE cor 1299'W 332'W(est.BHL-RD) 13-3/8c.2677 9-5/8c.8618 7c.9505 50-029-20332-01 (Brinkerhoff Drig #36) S-11/20/7a Rig rel-12/7/78 Rsm-03/26/97(Doyon Drig #141) Directional 9515 Pg9459 Resumed 3/26/97 for redrill #1. *Ridgeway Arizona Oil Corp *State* 10-22 Map:AZ 22-10N-30B,Fr SW cor 660'N 660'E 02-001-20308 8-5/8c.743 4-1/2c.2265 State Lease 13-100-215 S-03/19/97(Aztec Well Service) elev:6878'QR 2300'-est.td (NPW); 2265 TD. Drilled. CO2 was identified throughout the reservoir. Cmtd 4-1/2 csg at 2265. Released BP Expl (Alaska) Inc. "Prudhos Bay Unit" D-06A
23-11N-13E UM, Fr NE cor 2380!S 1067'W(Surface)
23-11N-13E UM, Fr NE cor 596'S 1978'W(BHL)
24-11N-13E UM, Fr SE cor 4652'N 5066'W(est.BHL-RD)
13-3/8c.2680'9-5/8c.8391 7c.9600 50-029-20148-01
(Brinkerhoff Drlg #36) S-5/16/75 Suspended 6/27/75
Directional Map:AL-4
9600 TVD9253 Issued permit #97-43 on 3/27/97-for redrill #1. rig 3/30/97. Evaluating logs and cores. STATE OF NEVADA GHOST RANCH

Bagle Springs Prod LLC "Ghost Ranch Federal" 47-35
35-9N-57E,Fr SW cor 1052'N 2340'E 27-023-05552
7c.4696 S-03/09/97(Caza Drlg #63) elev:4746'GR
(Pederal Lease N-42341) 5000'-ast.td. Map:NV
4696 TD. Drilled. Cmtd 7" csg at 4696' Released
rig. Preparing to move in Colorado Well Service next BP Expl (Alaska) Inc. "Prudhoe Bay Unit" P-24 31-11N-13E UM, Fr SE cor 2359'N 3138'W(Surface) 25-11N-12E UM, Fr SE cor 1946'N 2835'W(est.RHL) 50-029-22755 S-03/27/97(Doyon Drlg #9) Map:AL-4 week for completion. **Makoil, Inc. "Ghost Ranch" 2-21 27-023-05551 (EXT)
2-8N-57E,Fr NW cor 750'S 2350'E elev:4743'GR
Pederal Lease #N-42341 5000'-est.td Map:NV
Issued permit #798. Directional 777 Issued permit #97-54 on 3/27/97. Drilling ahead, no details. BP Expl (Alaska) Inc. "Prudhoe Bay Unit" P-25
31-11N-13E UM, Fr SE cor 2644'N 2529'W(Surf)
30-11N-13E UM, Fr SE cor 376'N 4837'W(set BHL)
?c.????? 50-029-22742 Directional Map:AL-4
S-4pm-03/12/97(Doyon Drlg #9)
10135 Released rig 3/27/97.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" S-22B
35-12N-12E UM, Fr NW cor 1629'S 793'E(Surface)
27-12N-12E UM, Fr SE cor 4709'N 2055'W(BHL)
34-12N-12E UM, Fr NW cor 193'N 2184'W(set BHL-RD)
27-12N-12E UM, Fr SE cor 1193'N 2184'W(set BHL-RD2)
20c.110'13-3/8c.2685'9-5/8W.8853 50-029-22119-02
(Nabors Drlg #18E) S-8pm,12/20/90 Rig rel-1/9/91
(Doyon Drlg #14) Rsm-8pm,7/28/93 Rig rel-8/8/93
Directional Map:AL-4
10242 RD10070 Issued permit #97-51 on 3/27/97 for **Makoil, Inc. "Ghost Ranch" 2-21K Map:NV (EXT) 2-8N-57E,Fr NW cor 430'S 2310'E (Federal Lease N-42341) Filed notice of staking 2/27/97. Big West Oil & Gas, Inc. "Sans Spring" 5-14A Map:NV 14-7N-56B, Fr NW cor 1700'S 450'E 27-023-05546 S-04/02/97(Caza Drlg 63) (Federal Lease N-47646) elev:4708'GR 5636'-est.td ???? Drilling, "no dope" hole. *Trio Petroleum, Inc. "Federal" 86X-19 Map:NV (NPW) 19-7N-57E,Fr SE cor 2000'N 100'W

Munger Oilogram Resume

* * * * * CORRECTED LOCATIONS, NEW WELLS * * * * * STATE OF ALASKA MILNE POINT

BF Expl (Alaska) Inc. "Milne Point Unit" B-14

25-13N-10E UM, Fr SE cor 3590'N 1918'W(Surface)

36-13N-10E UM, Fr SE cor 4601'N 4898'W(est. BHL)

50-029-22734 S-04/01/97(Nabors Drlg #27E)

Directional Map:AL-4

10242 RD10070 Issued permit #97-51 on 3/27/97 for redrill #2 as a service well.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" S-43L1 35-12N-12E UM,Fr SE cor 4211'N 4503'N(Surface) 26-12N-12E UM,Fr SE cor 2858'N 229'N(est.BHL) 26-12N-12E UM,Fr SE cor 2858'N 229'W(est.BHL-L1)

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" S-44L1 35-12N-12E UM, Fr SR cor 4242'N 4502'W(Surface) 27-12N-12E UM, Fr SB cor 747'N 4811'W(est.BHL) 33-12N-12E UM, Fr SE cor 5093'N 993'W(est.BHL-L1)

50-029-22735-60 S-03/02/97(Nabors Drig #182) Directional Map:AL-4

???? Drilling, no details.

6.7

50-029-22754 Directional Map:AL-4
Issued permit #97-52 on 3/27/97. Issued permit #97-53 on 3/27/97 for a lateral leg.

SAN JOAOUIN VALLEY

Chevron U.S.A. Inc. "IY" 2216S 04-030-07792
1-30S-21E MD.Fr NB cor 3769'S 294'W elev:896'DF
10-3/4c.365.7c.1650 Map:92-2 Status:OIL
S-03/30/97(Golden State Drig #8)
1655 Cmtd 10-3/4" csg at 365'. Drilled to TD.
Logged. Took SWS. Cmtd 7" csg at 1650'. Released rig
4/1/97.

"Evans-Barton, Ltd "Kyle Spring" 11-14 - 27-027-05005
11-29N-36E, Pr SW cor 1033'N 769'R elev: 4786.54'GR
4-1/2c.2500 S-11/06/96(Humboldt Drlg) Map:NV
Federal lease N-58388 :2500'-est.td (NFW)
2622 Released rig 11/25/96. Evaluating

MIST
Enerfin Resources Northwest "CC" 32-27-65
27-6N-5W,Fr NE COT 1472'S 2422'W 36-009-00322

7c.493 5-09/14/96 (Taylor Drig Co #7) elev:860 KB 2010 Clark/Wilson-est.td Map:OR 2084 Temporarily abandoned 9/20/96:

PERSHING COUNTY

(Federal Lease N-55475)

KYLE SPRING

Notice of staking filed 1/28/97.

Munger Oilogram, Page 9 APtil 3, 1997

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ARCO Alaska Inc. "Kuparuk River Unit" 30-20 ARCO Alaska Inc. "Kiparuk River Unit 30-20 22-13N-9E UM, Fr NW cor 962'S 1979'E(Surface) 26-13N-9E UM, Fr NW cor 1366'S 1316'E(est.BHL) 16c.121 7-5/8c.6308 50-029-22750 Directional S-03/20/97(Parker Drlg Co #245) Map:AL-4 9101 Cmtd 7-5/8" csg at 6308' Drilling ahead.

*ARCO Alaska Inc. "Tarn" 4 50-103-20249 Map:AL-4 1-9N-7E UM.Fr NW cor 1119'S 509'E(straight hole) ?c.???? S-03/12/97(Doyon Drlg #141) (NFW) ???? Drilled, no details. Released rig 3/22/97.

MILNE POINT ENE POINT
BP Expl (Alaska) Inc. "Milne Point Unit" E-18
25-13N-10E UM, Fr SE cor 3661'N 1974'W (Surface)
23-13N-10E UM, Fr SE cor 1504'N 1242'W (est.BHL)
50-029-22748 S-03/22/97 (Nabors Drig #27E)
Directional Map:AL-4
727: Revised estimated BHL on 3/20/97. Drilling

ahead, no details.

BP Bxpl (Alaska) Inc. "Milne Point Unit" B-19
25-13N-10E UM, Fr SE cor 3711'N 1812'W(Surface)
24-13N-10E UM, Fr SE cor 746'N 4367'W(est.BHL)
50-029-22746 S-03/13/97(Nabors Drlg #27E)
Directional Map:AL-4
???? Drilled, no details. Released rig 3/22/97.

BP Expl (Alaska) Inc. "Milne Point Unit" F-42 6-13N-10E UM,Fr SE cor 2019'N 2715'E(Surface) 24-14N-9E UM,Fr SE cor 278'N 4860'W(est.BHL) 50-029-22741 Directional Map:AL-4 Issued permit #97-20 on 2/1/97.

BP Expl (Alaska) Inc. "Milne Point Unit" F-57 6-13N-108 UM, Fr SE cor 2052'N 2555'W(Surface)
28-14N-10R UM, Fr SE cor 819'N 3419'W(est.BHL)
50-029-22747 S-03/09/97(Nabors Drlg #22E)
Directional Map:AL-4
2777 Drilled, no details. Released rig 3/25/97.

BP Expl (Alaska) Inc. "Milne Point Unit" F-65
6-13N-10B UM, Fr SE cor 2101'N 2520'W(Surface)
29-14N-10B UM, Fr SE cor 3352'N 1634'W(est.BHL)
50-029-22752 S-03/25/97(Nabors Drlg #22B)
Directional Map:AL-4
???? Issued permit #97-49 on 3/21/97. Drilling ahead, no details.

NIAKUK

BP Expl (Alaska) Inc. "Niakuk" NK-15 50-029-22745

36-12N-15E UM, Fr SE cor 1373'N 918'W(Surface)

14-12N-15E UM, Fr SE cor 1514'N 1801'W(est.BHL)

S-03/05/97(Pool Arctic #7) Directional Map:AL-5 ???? Drilling, no details.

POINT MCINTYRE

ARCO Alaska Inc. "Point McIntyre" P2-03 Directional
11-12N-14E UM, Fr SW cor 47'N 1004'E(Surface)
10-12N-14E UM, Fr SE cor 2777'N 1264'W(est.BHL)
50-029-22749 S-03/24/97(Doyon Drlg #14) Map:AL-4 5265 Drilled. Running casing.

PRUDHOR BAY
ARCC Alaska Inc. "Prudhoe Bay Unit" 03-15AL1
10-10N-15E UM.Fr SE cor 1131'N 54'W(Surf)
16-10N-15E UM.Fr NE cor 2110'S 1620'W(BHL)
16-10N-15E UM.Fr NE cor 1681'S 1191'W(BHL-RD)
16-10N-15E UM.Fr NE cor 2345'S 2962'W(est BHL-L1)
20c.80 13-3/8c.2720 9-5/8W.???? 50-029-20414-61
(Deyon Drlg #16) Rsm-7pm.2/14/93 Rig rel-3/5/93
(Rowan Drlg #35) S-1/15/80 Rig rel-2/21/80
Rsm-03/01/97(Nabors Drlg #3ES) Directional
13325 RD1276E Resumed 3/1/97 for drilling a
lateral leg. Map:AL-4 lateral leg. Map:AL-4

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" H-22A 21-11N-13E UM, Fr NE cor 603'S 1266'W(Surface) 21-11N-13E UM, Fr NE cor 3073'S 2429'W(BHL) 21-11N-13E UM, Fr NE cor 3811'S 2794'W(sgt.BHL-RD) 13-3/8c.2695 9-5/8c.9383 7c.8803-11035 Directional 50-029-21588-01 Map:AL-4 (Nabors Drlg #18E) S-5/17/86 Rig rel-6/4/86 0035 Pg9992 Issued permit #97-48 on 3/21/97 for 10035 Pg9992

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" N-09A
1-11N-12E UM, Fr NE cor 2373'S 606'W(Surface)
12-11N-12E UM, Fr NW cor 429'S 1661'E(BHL)
1-11N-12E UM, Fr SE cor 759'N 4271'W(est.BHL-RD)
13-3/8c.2684 9-5/8W.7?7? 7c.27?7? 50-029-20563-01
(Brinkerhoff Drlg #36) S-5/9/81 Rig rel-5/31/81
Rsm-02/25/97(Doyon Drlg #14) Directional
11052 Released rig 3/20/97. Map:AL-4

redrill #1.

Munger Oilogram, Page 9 MARCH 27, 1997

BF Expl. (Alaska) Inc. "Prudhoe Bay Unit" P-25
31-11N-13E UM. Pr SE cor 2644'N 2529'W(Surf)
30-11N-13E UM, Fr SE cor 376'N 4837'W(est EHL)
50-029-22742 S-4pm-03/12/97(Doyon Drlg #9)
Directional Map:AL-4
10135 Cementing 7" casing.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" S-44L1 BP Expl (Alaska) Inc. "Prudhoe Bay Unit" S-44L1
35-12N-12E UM, Fr SE cor 4242'N 4502'W(Surface)
27-12N-12E UM, Fr SE cor 747'N 4811'W(est.BHL)
33-12N-12E UM, Fr SE cor 5093'N 993'W(est.BHL-L1)
50-029-22735-60 'S-03/02/97(Nabors Drlg #18E)
Directional Map:AL-4
???? Drilling, no details.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" Z-32BL1
19-11N-12E UM, Fr NN cor 713'S 1253'E(Surface)
18-11N-12E UM, Fr NE cor 691'S 4355'W(BHL)
18-11N-12E UM, Fr SW cor 3768'N 447'E(BHL-RD)
12-11N-12E UM, Fr SW cor 1831'N 1339'W(est.BHL-RD2)
12-11N-12E UM, Fr SW cor 181'N 2526'W(est.BHL-L1)
20c.110 13-3/8c.2668 9-5/8W.7??? 50-029-21924-62
(Alaska United #2) S-1am,3/28/89 Rig rel-4/17/89
(Doyon Drlg #14) Rsm-2pm,8/14/93 Rig rel-8/30/93.
Rsm-03/04/97(Nabors Drlg #2ES): Directional
11330 RD10830 Resumed 3/4/97 for redrill #2.
MaD:AL-4 Map:AL-4

OTHER WESTERN STATES

STATE OF ARIZONA
APACHE COUNTY
*Ridgeway Arizona Oil Corp "State" 09-21 Map:AZ
21-9N-31E,Fr NE cor 1980'S 1980'W 02-001-20309 6-5/8c.1236 4-1/2c.2600aprx State Lease 13-101-334
S-03/06/97(Aztec Well Service) elev:7198'GR
2300'-est.td (NPW) 2300'-est.td (NPW)
2685 TD. Cored 7-7/8" hole. Cmtd 4-1/2" csg at aprx.2600'. Released rig 3/18/97. Evaluating logs and cores. Carbon Dioxide was identified throughout

*Ridgeway Arizona Oil Corp "State" 09-22-29 Map:AZ 22-9N-29E,Fr SW cor 1091'N 2674'E 02-001-20310 State Lease 13-101-536 (Aztec Well Service) elev:7146'GR 2400'-est.td (NFW) Ammended location.

the cored area.

*Ridgeway Arizona Oil Corp "State" 10-16-31 Map:AZ 16-10N-31B,Fr SW cor 1980'N 1980'E 02-001-20311 State Lease 13-101-540 (Aztec Well Service) elev:7246'GR 2400'-est.td (NPW) Issued permit #899 on 3/13/97:

*Ridgeway Arizona Oil Corp "State" 10-22 'Map:AZ 22-10N-30E,Fr SW cor 660'N 660'E 02-001-20308 8-5/8c.743 S-03/19/97(Aztec Well Service) (NPW) State Lease 13-100-215 elev:6878'GR 2300'-est.td 800+ Cmtd 8-5/8" csg at 743'. Drilling ahead.

*Ridgeway Arizona Oil Corp "State" 12-15-30 Map:AZ 15-12N-30E,Fr SW cor 1980'N 1980'E 02-001-20312 State Lease 13-101-S45 (Aztec Well Service) elev:6712'GR 2400'-est.td (NPM) Issued permit #900 on 3/13/97.

HOST RANCH

Eagle Springs Prod LLC "Ghost Ranch Federal" 47-35
35-9N-57E,Fr SW cor 1052'N 2340'E 27-023-05552
S-03/09/97(Caza Drlg #63) (Federal Lease N-42341)
elev:4746'GR 5000'-est.td Map:NV
???? Drilled, "tight hole". Released rig.
Preparing to move in Colorado Well Service for completion. GHOST RANCH completion.

*Makoil, Inc. "Ghost Ranch" 2-21 27-023-05551 (EXT) 2-8N-57E,Fr NW cor 750'S 2350'E elev:4743'GR Pederal Lease #N-42341 5000'-est.td Map:NV Issued permit #798.

**Makoil, Inc. *Ghost Ranch* 2-21X Hap:NV (EXT) 2-8N-57E,Fr NW cor 430'S 2310'E (Federal Lease N-42341) Filed notice of staking 2/27/97.

SANS SPRING
Big West Oil & Gas, Inc. "Sans Spring" 5-14A Map:NV
14-7N-56E,Fr NW cor 1700'8 450'8 27-023-05546
(Federal Lease N-47646) (Caza Drlg 63)
elev:4708'GR 5636'-est.td
Preparing to move in equipment.

Trio Petroleum, Inc. "Federal" 86X-19 Map:NV (NPW) 19-7N-57E,Fr SE cor 2000'N 100'W (Federal Lease N-55475) Notice of staking filed 1/28/97.

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FROM : RIDGEWAY AZ OIL CORP

F.S. SEMINER .

PHONE NO. : 5203375162

Mar. 27 1997 11:53AM P2

rcvd SHPO (stamp)

ARIZONA STATE LAND DEPARTMENT CULTURAL RESOURCE COMPLIANCE REVIEW - SURVEY

- 13-101536 (Well No. "9-22") Oil & Gas Lease No(s).

ASLD Administrator

- Chet Oakley

Lessee Name

- Ridgeway Arizona Oil Corporation

Application Purpose

- Plan of Operation for drilling one exploratory well.

Legal Description

- Well: M&B in Sec. 22, T9N R29E

Access: M&B thru Secs. 22 and 27, T9N R29E

Road Length/Width

- ca. 100' x unspecified length

- unspecified Acres cited

Drill Pad Length/Width

- ca. 200' x 165'

Acres cited 8. -

Total Acres Inspected for Cultural Resources

- unspecified

- CSWTA, Inc., Environmental Consultants (CSWTA)

Consultant

- 1997-45BL

AAA Permit No.

Report Title

Cultural Resource Inventory Ridgeway State 9-22, 10-16, and 12-15 Well Locations and Access Roads for Ridgeway Arizona Oil Company,

Apache County, County, Arizona.

Report Date

- February 28, 1997

Author - B. Miles Gilbert

Survey Method

- 100 percent pedestrian coverage

Number of Sites

- None

Fligible Sites - NA

Isolated Occurrences

- unspecified

Consultant Recommendation - CSWTA recommends clearance.

ASLD Cultural Resource Management Recommendations - No further archaeological fieldwork or comment from the State Historic Preservation Office (SHPO) is needed before ASLD approves the Plan of Operation. This recommendation does not constitute ASLD approval of the Plan, or authorization to proceed with the work.

Report Comments: ASLD asks that the report be revised to address the following technical points, and that the revision be submitted in duplicate to ASLD and ASM.

- Although the Arizona State Land Department is identified on the title page, the identity of the 1. agency whose lands were inspected is essential management information that should be presented in the introduction.
- The length, width, and acreage of the area inspected for the access route should be specified, and the access alignment should be indicated in Figure 4.

March 25, 1997 Kenneth C. Rozen

SHPO Review Comments if applicable

Cultural Resources Manager

Distribution:

John Madsen, ASM Jo Anne Miller, SHPO w/report Chet Oakley, ASLD Don Riggs, Ridgeway Carol S. Yazzie Ward, CSWTA



State of Arizona Arizona Geological Survey 416 W. Congress, Suite 100

416 W. Congress, Suite 100 Tucson, Arizona 85701 (520) 770-3500



Larry D. Fellows
Director and State Geologist

March 25, 1997

Mr. Don Riggs Ridgeway Arizona Oil Corporation P.O. Box 1110 St. Johns, Arizona 85936

Jile 898

Dear Mr. Riggs:

A copy of the amended application to drill the 9-22-29 well showing the amended location and elevation is enclosed for your file.

I have also enclosed a copy of R12-7-121, Well Completion and Filing Requirements and a check list showing the current compliance status of your wells. Let me know if you disagree with anything on the list.

Sincerely,

Steven L. Rauzi

Oil & Gas Program Administrator

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Enclosures

RIDGEWAY ARIZONA OIL CORPORATION

Compliance status of wells as of 3/25/97

		Drilling	Completion	,		Core	DST	Gas	Well	Application	P&A Record	Comments
Well	Permit	Summary	Report	Samples	1003	Analyses		Analyses	लात्रा <u>ट</u>	2		
1 Plateau Cattle	880	On file	On file	On file	On file	n/a	On file	On file	DUE			SI 8/94
1A Plateau Cattle	883	On file	On file	n/a	n/a	n/a	n/a	n/a	DUE	DUE		TA 11/94, Needs P&A
22-1 State	885	On file	DUE	On file	On file	n/a	n/a	n/a	DUE	DUE		TA 8/95, Needs P&A
1.f State	884	On file	On file	On file	On file	n/a	n/a	On file	DUE			SI 9/95
23.1V Ctota	800	PENDG	PENDG	PENDG	On file	PENDG	PENDG	PENDG	DOE	n/a		SI 2/97, WOCT
11_21 State	895	PENDG	PENDG	PENDG	PENDG	PENDG	PENDG	PENDG	DUE	n/a		SI 3/97, WOCT
9-21 State	897	PENDG	PENDG	PENDG	FENDG	PENDG	PENDG	PENDG	DUE	n/a		SI 3/97, WOCT
10-22 State	968	PENDG	PENDG	PENDG	PENDG	PENDG	PENDG	PENDG	DUE	n/a		DRLG 3/97

C

Work Under Way at Horizontal Nugget Redrill in Anschutz Ranch East Field

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AZA DRILING'S Rig #76 is being rigged up to redrill a horizontal Nugget test for Amoco Production Co in Anschutz Ranch East field on the northeastern Utah salient of the Overthrust Belt about 15 miles southwest of Evanston, Wyoming.

The 29-04ST1 Anschutz Ranch East, nw nw 29-4n-8e, northwestern Summit County, is to be drilled southwestward to a total measured depth of 16,150 ft at a projected bottom hole location in se se 30-4n-8e (PI 2-10-97). The projected total horizontal displacement is nearly 4000 ft.

Originally completed in 1981 as the 1 Champlin 458 Amoco D, the well has produced more than 17.4 billion cu ft of gas, one million bbls of condensate and 32,900 bbls of water from Nugget at 12,056-12,637 ft. In November, the 13,750-ft well produced an average of about 2,970,000

Ridgeway Adds to Apache County Arizona Program file 898

RIDGEWAY ARIZONA Oil Corp, the U.S. subsidiary of Calgary independent Ridgeway Petroleum Corp, has scheduled three more 2400-ft wildcats in eastern Arizona's Apache County.

They are the 9-22-29 Ridgeway, csw 22-9n-29e; 10-16-31 Ridgeway, ne sw 16-10n-31e; and 12-15-30 Ridgeway in ne sw 15-12n-30e. Aztec Well Service is under contract for the ventures, all of which will evaluate the Fort Apache limestone member of Supai (Permo-Pennsylvanian).

The 10-16-31 and 9-22-29 wildcats are 13 miles southeast and 15 miles south, respectively, of Ridgeway's 3-1 State 13-53-801 discovery in ne se 3-11n-29e, which was completed in 1995 flowing 663,000 cu ft of carbon dioxide, nitrogen and helium per day from Fort Apache between 1536 and 1676 ft. It currently is shut in.

The 12-15-30 wildcat is six miles east of Ridgeway's 1 Canstar-Plateau Cartle Co discovery in senw 15-12n-29e, a shut-in carbon dioxide/nitrogen/helium discovery completed in 1994.

Ridgeway's gas play is an area 45-70 miles south-southeast of the Pinta Dome-Navajo Springs area, which has produced nonflammable, heliumbearing gas. The company recently staked location for a 2300-ft Fort Apache test at the 9-21 Ridgeway-State in sw ne 21-9n-31e (PI 3-5-97).

cuft of gas and four bbls of water daily.

The nearest horizontal Nugget producer is 19 miles to the northeast, at a Painter Reservoir field well operated by Chevron USA Inc in southwestern Wyoming's Uinta County. Thirty miles to the northeast, Amoco has produced from Nugget at a horizontal well completed in 1987 in Wyoming's Ryckman Creek field.

(Brennan Bottom, from Page 1)

6976 ft. Log tops at the 7125 ft-well, measured from a kelly bushing elevation of 4811 ft, include Green River at 3346 ft and Wasatch at 7050 ft.

Halfa mile to the west, Chevron's 14 Brennan-Federal, nw nw 18-7s-21e, was completed on pump producing 72 bbls of 32° oil, 10,000 cu ft of gas and 15 bbls of water daily from a treated Green River interval at 67827263 ft. Total depth is 7455 ft.

About a mile south of the 12 Brennan-Federal, Chevron completed the 10 Brennan-Federal, nwne 19-7s-21e, in Green River between 6725 and 6860 ft. The 7005-ft well pumped 80 bbls of 32° oil, 11,000 cu ft of gas and 107 bbls of water per day.

Since its discovery in 1954, Brennan Bottom field has produced more than 1.3 million bbls of oil, 1.7 billion cuft of gas and 144,600 bbls of water. In November, the field's eight active wells combined to produce an average of about 90 bbls of oil, 202,000 cu ft of gas and 75 bbls of water daily.

Chevron has plans for at least two other Brennan Bottom field development tests.

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PETROLEUM INFORMATION/DWIGHTS ROCKY MOUNTAIN REGION REPORT SECTION VI - 03/19/97

FIRST REPORT SUMMARY

INITIAL CLASS: WF = NEW FIELD WILDCAT; WD = DEEPER POOL WILDCAT; WS = SHALLOWER POOL WILDCAT; WP = NEW POOL WILDCAT; WO =

WILDCAT OUTPOST: D=DEVELOPMENT. ■ DENOTES NEW INFORMATION ADDED THIS WEEK, LOIR - LAST DATE INFORMATION REPORTED OR CONFIRMED.
■ DENOTES A FINAL STATUS HAS BEEN ADDED TO THE WELL.

ARIZONA

APACHE COUNTY

WILDCAT; PERMIT #898; 2400 FORT APACHE, (FR 03/17/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 8598 PHONE (800) 347-0294; EL: 7146 GR; LOCATION DATA: 15 MI S UNNAMED FLO(FORT APACHE)CO2 DISC 3-11N-29E 6 MI N SPRINGERVILLE, AZ; TO BE VERTICALLY DRILLED.

PAGE 1

WF

WF

WF

WILDCAT; PERMIT #899; 2400 FORT APACHE, (FR 03/17/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7246 GR; LOCATION DATA: 13 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 16 MI NE SPRINGERVILLE, AZ; TO BE VERTICALLY DRILLED.

WILDCAT; PERMIT #900; 2400 FORT APACHE, (FR 03/17/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 6712 GR; LOCATION DATA: 5 MI E UNNAMED FLD(FORT APACHE)CO2 GAS DISC 15-12N-29E 10 1/2 MI E-SE ST JOHNS, AZ; TO BE VERTICALLY DRILLED.

RIDGEWAY ARIZONA OIL 8-22-29 RIDGEWAY API 02-001-20310

22-9N-29E C SW 1320 FSL 1320 FWL

CONTR: AZTEC WELL SRVCG; LOC;

RIDGEWAY ARIZONA OIL 10-16-31 RIDGEWAY API 02-001-20311

16-10N-31E NE SW 1980 FSL 1980 FWL

CONTR: AZTEC WELL SRVCG: LOC;

RIDGEWAY ARIZONA OIL 12-15-30 RIDGEWAY API 02-001-20312

15-12N-30E NE SW 1980 FSL 1980 FWL

CONTR: AZTEC WELL SRVCG. LOC;

MEMORANDUM TO FILE

DATE:

March 19, 1997

FROM:

Steven L. Rauzi Oil and Gas Program Administrator

SUBJECT: CHANGE OF LOCATION DUE TO TOPOGRAPHY Ridgeway Arizona Oil Corp 9-22-29 State, Permit #898

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now is Sw Sec. 22 T. 9 N., R. 29 E., Apache County

Don Riggs called to advise that the permitted location of this hole is on a rubbly outcrop of volcanic rock. He asked what the procedure was to move the location about 1,000 feet to the east. I advised him that R12-7-105 provides for the filing of an amended application for permit to drill showing the new location without payment of an additional fee. He will have the new location surveyed and file the amended application in accordance with R12-7-105.



Arizona Geological Survey

416 W. Congress, Suite 100 Tucson, Arizona 85701 (520) 770-3500



Larry D. Fellows Director and State Geologist

March 13, 1997

Mr. Clarence Bigelow Manager, Apache County P.O. Box 428 St. Johns, AZ 85936

Re: Ridgeway #9-22-29 State, Sec. 22-9N-29E, Apache Co., Permit #898 Ridgeway #10-16-31 State, Sec. 16-10N-31E, Apache Co., Permit #899 Ridgeway #12-15-30 State, Sec. 15-12N-30E, Apache Co., Permit #900

Dear Mr. Bigelow:

A copy of the approved drilling applications for the referenced wells are enclosed for your information in accordance with the **Arizona Oil and Gas Conservation Commission's** policy to keep County Governments informed about proposed oil and gas drilling efforts in their counties.

The **Commission** issues its Permit to Drill pursuant to A.R.S. § 27-516. Applications are approved after it is determined that the well is in compliance with applicable law and rules and that public health and safety, correlative rights, and subsurface resources are not compromised.

Please advise if we may be of further assistance.

Sincerely,

Steven L. Rauzi

Oil and Gas Program Administrator

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Enclosures

c Oil & Gas Commissioners





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State of Arizona

Arizona Geological Survey

416 W. Congress, Suite 100 Tucson, Arizona 85701 (520) 770-3500



Larry D. Fellows Director and State Geologist

March 13, 1997

Mr. Don Riggs Ridgeway Arizona Oil Corporation P.O. Box 1110 St. Johns, Arizona 85936

Re: Ridgeway #9-22-29 State, Sec. 22-9N-29E, Apache County, Permit #898 Ridgeway #10-16-31 State, Sec. 16-10N-31E, Apache County, Permit #899 Ridgeway #12-15-30 State, Sec. 15-12N-30E, Apache County, Permit #900

Dear Mr. Riggs:

An approved application to drill the referenced wells; Permits #898, 899, and 900; and filing fee receipts #3096, #3097, and #3098 are enclosed. A copy of the Permit to Drill must be posted in a conspicuous place at the well site.

These permits are issued on the condition that you conduct operations in compliance with all applicable rules and substantially as outlined in the drilling prognosis submitted with the application to drill, and that you notify me at least 24 hours before you:

1) Commence drilling operations;

2) Run and cement surface casing; and

3) Nipple up and test the BOPE prior to drilling out of the surface casing.

Sincerely,

Steven L. Rauzi

Oil & Gas Program Administrator

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Enclosures

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State of Arizona Arizona Geological Survey

416 W. Congress, Suite 100 Tucson, Arizona 85701 (520) 770-3500



Larry D. Fellows Director and State Geologist

March 13, 1997

Mr. Don Riggs Ridgeway Arizona Oil Corporation P.O. Box 1110 St. Johns, Arizona 85936

Re: Ridgeway #9-22-29 State, Sec. 22-9N-29E, Apache County, Permit #898 Ridgeway #10-16-31 State, Sec. 16-10N-31E, Apache County, Permit #899 Ridgeway #12-15-30 State, Sec. 15-12N-30E, Apache County, Permit #900

Dear Mr. Riggs:

An approved application to drill the referenced wells; Permits #898, 899, and 900; and filing fee receipts #3096, #3097, and #3098 are enclosed. A copy of the Permit to Drill must be posted in a conspicuous place at the well site.

These permits are issued on the condition that you conduct operations in compliance with all applicable rules and substantially as outlined in the drilling prognosis submitted with the application to drill, and that you notify me at least 24 hours before you:

1) Commence drilling operations;

2) Run and cement surface casing; and

3) Nipple up and test the BOPE prior to drilling out of the surface casing.

Sincerely,

Steven L. Rauzi

Oil & Gas Program Administrator

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Enclosures

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MEMORANDUM TO FILE

DATE:

in a succession of the success

March 11, 1997

FROM:

Steven L. Rauzi

Oil and Gas Program Administrator

SUBJECT: Known and reasonably estimated freshwater aquifers in vicinity of

three proposed Ridgeway Arizona Corp wells located in:

ne sw 15-12n-30e, Apache County (1980' fsl & 1980' fwl). permit 900 ne sw 16-10n-31e, Apache County (1980' fsl & 1980' fwl), permit 899 c sw 22-09n-29e, Apache County (1320' fsl & 1320' fwl), permit 898

Rick Herther, Basic Data Section, Arizona Department of Water Resources, reported this date that no water wells are registered in the three referenced sections. He provided the following information about 9 water wells that are registered in the general vicinity of the proposed wells. These are:

sw nw se 08-12n-30e, drilled 1930; 4", 185' deep; water @ 160' (Plateau Partnership) c 12-12n-30e, drilled 1963; 9", 530' deep; water @ 410'; 10 gpm (E. Platt) ne 27-12n-30e, drilled 1951; 7", 650' deep; water @ 610'; 10 gpm (Earl Platt) ne se ne 27-12n-30e, drilled 1983; 8", 790' deep, water @ 612', 10 gpm (Earl Platt) se nw se 21-10n-31e, drilled 1948; 6", 954' deep, water @ 900', 6 gpm (ASLD) 21-10n-31e, drilled 1984, 6", 280' deep, water @ 180', 8 gpm (H Wiltbank) sw sw sw 21-09n-29e, drilled 1984, 10' deep (ASLD) sw sw nw 21-09n-29e, drld 1991, 5", 210' deep, wtr @ 195', 35 gpm (Springerville) sw ne sw 21-09n-29e, drilled 1984, 6", 80' deep, water @ 8', 3 gpm, (ASLD?)

The deeper wells are probably producing from the Permian Coconino Sandstone. The shallow wells are probably producing from surface alluvium or possibly basalt flows. The operator's proposal to set 8 5/8" surface casing well into the top of the Permian Supai will be sufficient to protect the surface waters and all other reasonably estimated aquifers in the vicinity of the proposed wells.

FROM : RIDGEWAY AZ DIL CORP SENT BY: CSWTA, INC. XT 7021 : 3-12-97 : 5:53PM :

PHONE NO. : 5203373162

Mar. 13 1997 08:24AM P2

18022834334

5203373132;# 2

CONSULTANTS REPORT #CSWTA-ARCH-9703

CULTURAL RESOURCE INVENTORY

RIDGEWAY STATE 9-22, 10-16 AND 12-15 WELL LOCATIONS AND ACCESS ROADS FOR RIDGEWAY ARIZONA OIL CORPORATION APACHE COUNTY, ARIZONA

PREPARED BY

B. MILES GILBERT CSWTA, INC. ENVIRONMENTAL/ARCHAEOLOGICAL CONSULTANTS POST OFFICE BOX 790 TUBA CITY, ARIZONA 86045

PREPARED FOR

DON RIGGS RIDGEWAY ARIZONA OIL CORPORATION POST OFFICE BCX 1110 ST. JOHNS, ARIZONA 85936

SUBMITTED TO

ARIZONA STATE LAND DEPARTMENT 1616 WEST ADAMS PHOENIX, ARIZONA 85007

PERMITS

ARIZONA STATE PERMIT NO. 1997-4561

FEBRUARY 28, 1997

FROM : RIDGEWAY AZ DIL CORP SENT BY:OSWTA INC. XT 7021 PHONE NO. : 5203373162 ; 3-12-97 : \$15574 ;

18022834934-

mar. 13 1997 08:24AM P3 \$233373152:# 3

ABSTRACT

A Cultural Resource Inventory was undertaken on three proposed CO, well locations and 2.85 miles of access road on State of Arizona Trust lands north and east of Springerville, and east of St. Johns, Apache County, Arizona on February 21, 1997. The inventory was performed by B. Miles Gilbert, Staff Archaeologist for CSWTA, Inc. of Tuba City, Arizona at the request of Don Riggs, Vice President of Operations for Ridgeway Arizona Cil Corporation. The fieldwork was conducted under the authority of Arizona Permit No. 1997-45bl issued to CSWTA, Inc.

A 225 foot by 225 foot area (1.16 acre) was inventoried for each well pad for a total of 3.48 acres. A 50 feet wide corridor on each side (100 feet total) of the access roads was surveyed. No cultural resources were inventoried.

Cultural Resource clearance is recommended.

INTRODUCTION

A Class III cultural resource inventory was undertaken for three proposed CO₂ well locations on State Trust lands north and east of Springerville, and east of St. Johns, Arizona. Figure 1 shows the well sites in relation to Springerville and St. Johns. Figures 2-4 show the locations on the appropriate USGS topographic map. The inventory was undertaken for Ridgeway Arizona Oil Corporation at the request of Don Riggs, Vice President of Operations. The inventory was conducted by B. Miles Gilbert, Staff Archaeologist for CSWTA, Inc. under authority of Arizona State Permit No. 1997-45bl.

PROJECT LOCATION AND DESCRIPTION

Well 12-15 is located approximately 11 miles east of St. Johns on the Salt Lake road in Section 15, TWP 12N, R30E, just .25 mile south of that county road in sparse grasslands dotted with junipers (Juniperous osteosperma) and pinon pine (Pinus edulus) at an elevation of 6730 feet above mean sea level (amsi). The map reference for this project is the Mesa Parada NW, USGS Quadrangle, 7.5 minute series, Apache County, Arizona. Only .25 mile of access road survey was required at this location.

Well 10-16 is located six miles east of Springerville and 10.5 miles north of U. S. Highway 50 in Section 16, TWP 10N, R31E at an elevation of 7,240 feet amsl in very short grasslands sparsely dotted with stunted junipers. The map reference for this project is The Rincon, USGS Quadrangle, 7.5 minute series, Arizona-New Mexico. An access road measuring 1.8 miles was surveyed in conjunction with this well site.

Well 9-22 is located approximately two miles northeast of Springerville in Section 22, TWP 9N, R29E on the southwest edge of the Coyote Hills skield volcano at an elevation of 7,180 feet amsl. Local vegetation is restricted to very short grass. The map reference for this location is the Springerville, USGS Quadrangle, 7.5 minute series, Apache County, Arizona. An access road

E2333731521# 4

measuring .8 mile was surveyed in conjunction with this proposed well site.

SURVEY METHODS AND PREVIOUS RESEARCH

A record search at the Arizona State Museum indicated that no sites had been recorded within 1/2 mile of the project areas. However, Marmaduke (1984) conducted a cultural resources survey for Shell Western within one km of Well 9-22 with the result that no cultural resources were inventoried. Danson and Molde (1950) reported Casa Malpais, a major proto Zuni ceremonial site located approximately 1.5 miles west of Well 9-22. Westfall (1981) reported four historic, post 1950 trash scatters and one prehistoric site not considered to be register eligible, along the TEP coal railroad connecting the SRP and TEP plants several miles north of Well 10-16.

The well sites and access roads had been completely staked by Shreeve and Associates of St. Johns, Arizona prior to conducting the survey. The drill holes had been marked with a daygle orange lath, and the access routes were flagged with tape streamers.

A 225 by 225 foot (1.16 acres) area at the well locations were inventoried by B. Miles Gilbert. Inventory was accomplished by walking subparallel transects spaced 10 meters apart, using a magnetic compass to set a course. The access routes, were surveyed by walking up one side and down the other, 12-15 meters from the edge of the existing two tracks dirt road.

INVENTORY RESULTS AND RECOMMENDATIONS

The cultural resources inventory of 3.48 acres for proposed CO, well locations and 2.85 miles of access roads resulted in the location of no sites. Cultural Resource Clearance is recommended for Ridgeway Well 9-22, 10-16 and 12-15.

REFERENCES

Danson, Edward and Herold Molde 1950. Casa Malpais, a fortified pueblo site at Springerville, AZ Plateau 22(4):61-57.

Marmaduke, William 1984. An archaeological survey of six mineral exploration locations in Apache County, AZ. ASM survey 1984-066.

Westfall, Deborah A. 1981. Prehistory of the St. Johns Area, East-Central Arizona: The TEP Project. Cultural Resource Management Division. Arizona State Museum. The University of Arizona Archaeological Series No. 153, Tucson.

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Figure 1. Project location map, eastern Arizons.

t. ~ 11 / 1 MESA PARADA NW QUADRANGLE -ARIZONA-APACHE CO. 7.6 MINUTE BERIES (TOPOGRAPHIC) -WELL SITE 12-15 1 KILONETER Figure 2. Proposed CO, Well 12-15 and access road plotted on USGS Mesa Parada NW Quadrangle, 7.5 minute series, Apache County, Arizona.

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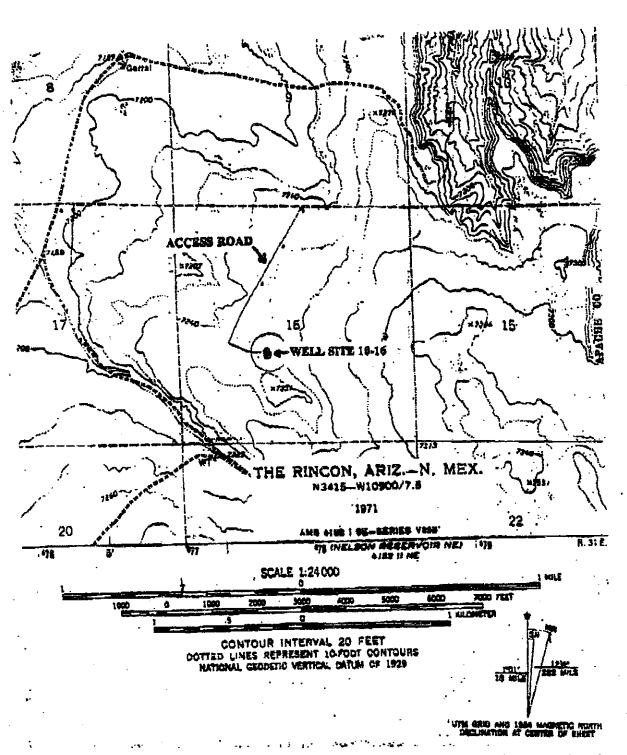


Figure 3. Proposed CO, Well 10-16 and access road plotted on USGS The Rincon Quadrangic, 7.5 minute series, Arizona-New Mexico.

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SPRINGERVILLE GUADRANGLE
AREZONA - APACHE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

WELL SITE 9-12

WELL SITE 9-12

WELL SITE 9-12

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Figure 4. Proposed CO, Well 9-22 and access road plotted on USGS Springerville Quadrangle, 7.5 minute series, Apache County, Arizona.

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